

## **APPENDIX G**

### **VERIFICATION WELL #1 COMPLETION REPORT**

# Archer Daniels Midland Company

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UIC Permit No. UIC-012-ADM  
Illinois Environmental Protection Agency  
Bureau of Land  
Class I – Non-Hazardous Permit

UIC Form 4h, ADM Verification Well #1 Completion  
Report  
Revised July 19, 2011

Geological Sequestration in the Illinois Basin



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C. Revised UIC Form 4g

D. Copy of D.N.R. Completion Report Form

**NOTE:** Appendices have been numbered to correspond to the specific section of the Completion Report Form 4h with which they are associated. Not all sections are accompanied by appendices.

## List of Abbreviations

ADM, Archer Daniels Midland  
Aka, also known as  
Bbls, barrels  
BHA, bottom hole assembly  
BHCT, bottom hole circulating temperature  
BHST, bottom hole static temperature  
BOD, basis of design  
BOP, blow out preventer  
B-T gauge, Bourdon-tube gauge  
BTU, British thermal unit  
CBL, cement bond log  
CCS, carbon capture and sequestration  
Cf, cubic feet  
Cf/sk, cubic feet per sack  
CFR, Code of Federal Regulations  
Cm, centimeter(s)  
CMR, combinable magnetic resonance  
CO<sub>2</sub>, carbon dioxide  
Csg, casing  
D&CWOP, Drill and complete well on paper  
Eg, for example  
EMR, electronic memory recorder  
EOR, enhanced oil recovery  
F, fahrenheit  
FEED, front end engineering design  
FMI, formation micro imager  
FOT, fall-off test  
Ft., foot or feet  
Ft/h, feet per hour  
Ft/min, feet per minute  
Gal/sk, gallons per sack  
GR, gamma ray  
HP, high pressure  
Hr, hour  
ID, inside diameter  
IEPA, Illinois Environmental Protection Agency  
ISGS, Illinois State Geological Survey  
KCl, potassium chloride  
L (l), liter(s)  
Lb (lbs), pound (pounds)  
Lb/ft, pounds per foot  
Lb/sk, pounds per sack  
M (m), meter(s)  
M/h, meters per hour  
MASIP, maximum allowable surface injection pressure



MDT, Modular Dynamics Tester\* (mark of Schlumberger)  
 MeV, milli electronvolts  
 Mg/L, milligrams per liter  
 MGSC, Midwest Geologic Sequestration Consortium  
 MI, move in  
 MO, move out  
 MVA, monitoring, verification, and accounting  
 NaCL, sodium chloride  
 N/A, not applicable  
 NPDES, National Pollution Discharge Elimination System  
 NRC, Nuclear Regulatory Commission  
 OD, outside diameter  
 P&A, plugging and abandonment  
 PBTD, Plug back total depth  
 POOH, pull out of hole  
 Ppg, pounds per gallon  
 Psi, pounds per square inch  
 Psi/ft, pounds per square inch per foot  
 PV, plastic viscosity  
 QA, quality assurance  
 QA Zone, quality assurance zone  
 QHSE, quality, health, safety, and environment  
 Qty, quantity  
 RD, rig down  
 RU, rig up  
 RST, Reservoir Saturation Tool\* (mark of Schlumberger)  
 S, seconds  
 SACROC, Scurry Area Canyon Reef Operators Committee  
 Sk, sack  
 SIP, surface injection pressure  
 SP, spontaneous potential  
 SRPG, surface-readout pressure gauge  
 SRTs, step rate tests  
 Sxs, sacks  
 TBD, to be determined  
 Tbg, tubing  
 TD, total depth  
 TDS, total dissolved solids  
 TIH, trip in hole  
 TOH, trip out of hole  
 UIC, underground injection control  
 US DOE, United States Department of Energy  
 USEPA, United States Environmental Protection Agency  
 USDW, underground source of drinking water  
 VDL, variable density log  
 WFL, water flow log  
 WOC, wait on cement  
 XPT, pressure express tool

# UIC Form 4h, Verification Well #1 Completion Report

**DRAFT UIC PERMIT FORMS**

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY  
UNDERGROUND INJECTION CONTROL PERMIT APPLICATION

FORM 4h - WELL COMPLETION REPORT

USEPA ID NUMBER: ILD984791459

IEPA ID NUMBER: 1150155136

WELL NUMBER: ADM Verification Well #1

*I. Type of Permit*

Individual: \_\_\_\_\_

Emergency \_\_\_\_\_

New \_\_\_\_\_

Renewal \_\_\_\_\_

Permit Number \_\_\_\_\_

Area: Completion Report

Number of well ADM Verification Well #1

Name of Field \_\_\_\_\_

Emergency \_\_\_\_\_

New \_\_\_\_\_

Renewal \_\_\_\_\_

Permit Number UIC-012-ADM

Location in Application

*II. Location, see instructions*

*A. Township-Range-Section:*

Verification Well #1 is located 605 feet North and 1175 feet East in the Southwest quadrant of Section 32 of Township 17 North and Range 3 East, Macon County, IL.

*B. Latitude/Longitude:*

The latitude and longitude coordinates of the well in degrees-minutes-seconds are 39° 52' 47.2620" N and 88° 53' 36.0924" W.

*C. Closest Municipality*

The closest municipality to the well is Decatur, Macon County, IL.

*III. Surface Elevation*

Surface elevation of the well is 669 feet (203.9 meters) above Mean Sea Level.

*IV. Well Depth*

The well was drilled to a total measured depth of 7272 feet (2216.5 meters) below the drilling rig kelly bushing (RKB). NOTE: the RKB is 15 feet (4.6 meters) above the surface elevation, or 684 feet (208.5 meters) above Mean Sea Level.

*V. Static Water Level*

The static water level in the well is 194 feet (59.1 meters) above Mean Sea Level.

*VI. Demonstrated Fracturing Pressure, if applicable*

Since this well will not be used for injection, no tests were performed to demonstrate the fracture pressure.

*VII. Verification Well Completion*

The Verification Well #1 is fully-cased and perforated at the intervals indicated in Table 1.

**Table 1: Perforation Details**

Port No.	Perf Top (MD feet)	Perf Bottom (MD feet)	Formation Name	Shot Phasing (deg)	Total Shots
Z11 MP	4917.5	4920.5	Ironton- Galesville	60	18
Z 10 MP	5000.7	5003.7	Ironton- Galesville	60	18
Z 9 MP	5653.8	5657.3	Mt. Simon	120	11
Z 8 MP	5840.4	5843.9	Mt. Simon	120	11
Z 7 MP	6416.2	6419.7	Mt. Simon	120	11
Z 6 MP	6632.3	6635.8	Mt. Simon	120	11
Z 5 MP	6720.3	6723.8	Mt. Simon	120	11
Z 4 MP	6837.1	6840.6	Mt. Simon	120	11
Z 3 MP	6945.6	6949.1	Mt. Simon	120	11
Z 2 MP	6983.0	6986.5	Mt. Simon	120	11
Z 1 MP	7061.2	7064.2	Granite Wash	60	18

*VIII. Well schematic or other appropriate drawing of surface and subsurface construction details*

Please see the Verification Well #1 wellbore, wellhead, and bottom hole completion assembly schematics included in Appendix VIII with this report.

## *IX. Well Design and Construction*

Please see Appendix IX for the Contractor Morning Reports, Drilling Mechanics Log, and Daily Completion as-built Reports which summarize the rig performance and operations throughout the drilling and completion of the well.

### *A. Well hole diameters and corresponding depth intervals*

The well was drilled in three stages with the following depth intervals and wellbore diameters:

Surface Hole: 0 – 377 feet, 17.5-inch diameter

Intermediate Hole: 377 – 5322 feet, 12.25-inch diameter

Final Hole: 5322 – 7272 feet, 8.5-inch diameter

### *B. Annulus Protection System*

Verification Well #1 will not be used for injection, however, the well has been constructed in a way that meets the requirements of Part 704 UIC Permit Program Subpart E, Permit Conditions Section h to establish and maintain mechanical integrity and part 730 Underground Injection Control Requirements, Section 730.108 Mechanical Integrity.

The surface, intermediate, and long casing strings are cemented to surface so there are no open annuli between these strings.

Due to the unique completion design of the Verification Well #1, the annulus of the well is defined as the volume above the uppermost Westbay packer (#28) and the surface. More specifically, this space will be the annulus between the 2-7/8-inch OD tubing and the 5 ½ inch, 17 lb/ft casing (4.892 inch ID).

Throughout the operation of the well, the annulus between the 2-7/8-inch tubing and the 5 ½ inch long string casing will be continuously monitored at the wellhead to verify that pressure is within the limits prescribed in the permit language (14 – 100 psia). Annulus pressure within the prescribed limits can be construed as evidence of mechanical integrity in the annular space, which will also be confirmed annually via the test described in section X.C. of this report.

#### *1. Annular space, ID and OD (inches)*

The annular spaces between the wellbore tubulars are detailed

below and reflect the various casing/tubing sizes that were used in the wellbore design.

Surface (0 – 377 feet): 13.375 inches / 17.5 inches

Intermediate (0 – 5322 feet): 9.625 inches / 12.615 inches

Long (0 – 7272 feet): 5.5 inches / 8.835 inches

Production Tubing (0 – 4745 feet): 2.875 inches / 4.892 inches

Westbay Tubing (4745 – 7128 feet): 2.5 inches / 4.892 inches

2. *Type of annular fluid(s)*

The fluids occupying the annular spaces between the wellbore tubulars are described below.

Surface: fully cemented (see cement details in section XI.C)

Intermediate: fully cemented (see cement details in section XI.C)

Long string: fully cemented (see cement details in section XI.C)

Westbay Tubing: The Westbay monitoring intervals, which are perforated and open to the formation, contain native formation brines, whose density varies slightly depending on the composition of the fluid. The Westbay quality assurance zones (QA), which are not perforated and are isolated against the inner diameter of the long-string casing, contain 9.4 lb/gal NaCl with adomite ASP 539D brine which was used during the installation of the completion system.

Production Tubing: the annular space between the production tubing and the long string casing – above the shallowest Westbay packer – contains 9.4 ppg NaCl brine with Nalco Adomite ASP 539D corrosion inhibitor at a concentration of 2 gallons per 1000 gallons brine.

3. *Specific gravity of annular fluid*

The brine occupying the annulus space between the final casing string and the 2-7/8-inch production tubing has a specific gravity of approximately 1.127. The fluid occupying the annular spaces of the perforated Westbay monitoring intervals varies; therefore, the specific gravity is dependent on the composition of the native reservoir fluid. The fluid occupying the annular spaces of the non-perforated Westbay QA zones has a specific gravity of 1.127.

4. *Coefficient of annular fluid*

The fluid occupying the annulus space between the final casing string and the production tubing has a hydrostatic coefficient of approximately 0.488 psi/ft. The fluid occupying the annular spaces of the perforated Westbay monitoring intervals varies; therefore, the hydrostatic coefficient is dependent on the composition of the native reservoir fluid. The fluid occupying the annular spaces of the non-perforated Westbay QA zones has a specific gravity of 0.488 psi/ft.

5. *Packer(s)*

a. *Setting depth*

There are a total of 28 Westbay MP55 packers in Verification Well #1. Table 2 displays the setting depth of each individual packer.

**Table 2: Packer Depths**

Packer No.	Top Depth (MD feet)	Packer No.	Top Depth (MD feet)
P28	4823.8	P14	5860.7
P27	4890.7	P13	6389.3
P26	4937.9	P12	6436.5
P25	4973.8	P11	6605.4
P24	5021.0	P10	6652.6
P23	5283.5	P9	6693.4
P22	5329.3	P8	6740.6
P21	5365.2	P7	6811.0
P20	5410.9	P6	6858.2
P19	5456.6	P5	6918.7
P18	5502.4	P4	6956.1
P17	5627.0	P3	7003.3
P16	5674.2	P2	7034.2
P15	5813.5	P1	7081.4

The packers were inflated with tap water in sequence beginning with the deepest. All of the packers were inflated normally with the exception of packers P24 and P26. Packer P24 is positioned below Zone 10 and packer P26 is positioned below Zone 11. During the operation, inflation diagnostics indicated that these two particular packers were not able to maintain the appropriate inflation pressure. These two packers are judged to be uninflated. In each case, the subject packer provided redundancy as part of a 2-packer set

designed to seal inside the casing between two perforated intervals. The second packer of each set (packer P23 and packer P25, respectively) inflated normally and all standard monitoring operations of the well are un-affected.

*b. Type*

The Westbay packers can be described as steel-reinforced, rubber gland inflatable packers.

*c. Name and model*

The packers in the completion assembly are Westbay Steel MP55 System MP55 Packer – 90mm Element Part No. 0414100C4. Detailed specifications of these packers were provided with the revisions to the permit modification log UIC-143-M2 received by the IEPA on 15-Nov-2010.

*6. Description of fluid spotting frequency, type and quantity*

After the 5 ½-inch long string casing was cemented in place, it was filled with a 9.2 lb/gal (0.477 psi/ft equivalent hydrostatic gradient) NaCl completion brine, which was of sufficient density to control fluid movement into the wellbore from open perforations and throughout the installation of the Westbay monitoring system. The maximum reservoir pressure gradient calculated from surface is approximately 0.45 psi/ft, as determined from reservoir pressure measurements acquired during open-hole logging. Prior to installing the Westbay system in the well, 65 barrels of 9.4 ppg sodium chloride brine, with Nalco Adomite ASP 539D corrosion inhibitor at a concentration of 2 gallons per 1000 gallons of brine, were spotted from TD back to 4500 feet. See daily Completion as-built reports in Appendix IX for the detailed chronology of the completion operations.

After the Westbay system was installed and all but the shallowest Westbay packer (P28) was inflated, the pumping port sliding sleeve of QA Zone 16 was opened and the annulus was flushed with approximately 20 bbls of 9.2 lb/gal brine which was circulated through the tubing. This mixture was then replaced with 27.8 bbls of 9.4 lb/gal sodium chloride brine with Nalco Adomite ASP 539D corrosion inhibitor at a concentration of 2 gallons per 1000 gallons of brine. Afterwards, the sliding sleeve in QA Zone 16 was closed and the shallowest packer (P28) was inflated properly, thereby isolating the annular space to surface. The 9.4 lb/gal NaCl brine (with above-mentioned additives) is currently the fluid that resides in the tubing-casing annular space above the shallowest packer.

*7. Information on well driller used for construction of this well*



The well was drilled with a rotary-table drilling rig with a water-based circulating mud system. Contact information for the drilling company is listed below.

Pioneer Oil field Services, LLC  
1290 N State Road 67  
Vincennes, IN 47591  
(812) 882-0999  
Contact Person: Mike Robinson

## *X. Tests and Logs*

A variety of wireline logs and tests were conducted during each stage of drilling and completing the well; the types of logs and tests run are listed below with detailed information included in the file boxes labeled as Appendices X.A-B.

### *A. During Drilling*

Surface Hole:

- Wireline Logs: (Logs included in File Box Appendix X.A-B)
  - Laterolog-GR-SP

Intermediate Hole:

- Wireline Logs: (Logs included in File Box Appendix X.A-B)
  - Neutron-Density-GR Combo
  - Laterolog Resistivity
  - Micro-Resistivity Imaging (FMI)
  - Elemental Capture Spectroscopy
  - Natural Gamma Ray Spectroscopy
  - Formation Pressures (MDT)
  - Rotary Sidewall Cores (routine analysis results included in File Box Appendix X.A-B)
  - SP

Final Hole:

- Wireline Logs: (Logs included in File Box Appendix X.A-B)
  - Neutron-Density-GR Combo Laterolog Resistivity
  - Induction Resistivity
  - Microlog
  - Micro-Resistivity Imaging (FMI)
  - Sonic (MSIP – Sonic Scanner)
  - Elemental Capture Spectroscopy
  - Natural Gamma Ray Spectroscopy

- Magnetic Resonance (CMR)
- Rotary Sidewall Cores (routine analysis results included in File Box Appendix X.A-B)
- Formation Pressures (XPT; summary report included in File Box Appendix X.A-B)
- Conventional Whole Core:

**Table 3 Whole Core Intervals (uncorrected driller's depths).**

Hole Section (in)	Formation Name	Length (ft)	Est. Top of Formation (ft)	Core Top (ft)	Core Bottom (ft)
12-1/4	New Albany	27	2071	2132	2159
12-1/4	Knox (Gunter-Eminence transition)	46	4238	4218	4264
12-1/4	Knox (Potosi)	46	4344	4513	4559
8-1/2	Eau Claire-Mt Simon transition	139	5017	5425	5564
8-1/2	Mt. Simon	60	5515	5930	5990
8-1/2	Lower Mt. Simon	389	5515	6680	7069

Results of routine analysis on full-diameter whole core samples is included in File Box Appendix X.A-B.

**B. During and after casing installation**

Surface Hole: (Logs included in File Box Appendix X.A-B)

- Wireline Logs:
  - Cement Bond Log with Variable Density Log (CBL-VDL)

Intermediate Hole: (Logs included in File Box Appendix X.A-B)

- Wireline Logs:
  - Ultrasonic Cement Imaging
  - Cement Bond Log with Variable Density Log (CBL-VDL)

Final Hole:

- Wireline Logs: (Logs included in File Box Appendix X.A-B)
  - Isolation Scanner Image Log
  - Cement Bond Log with Variable Density Log (CBL-VDL)
  - Pressure/Temperature Log
  - Thermal Neutron Decay (Formation Sigma) Log (RST)
  - Multi-finger Casing Caliper Log
  - Casing Collar and Perforating Record Logs
  - Pressure/Temperature Log (Run 2)

C. *Demonstrate mechanical integrity prior to operation*

Once the appropriate completion fluid was spotted in this annular space (see description in section IX.B.6), the mechanical integrity was verified via a positive pressure test conducted on June 10, 2011 and witnessed by IEPA Regional Geologist, Jeff Turner, P.G. During the test, the annulus was pressurized to approximately 317 psig and, once stabilized, demonstrated less than 1 psig leak-off during the hour-long observation period, which is less than the prescribed maximum leak-off criteria of 3%. Please refer to File Box Appendix X.A-B for a plot of the results of the Mechanical Integrity Pressure Test. During the life of the well this same annulus will be pressure tested to at least 200 psig on an annual basis with a maximum of 3% leakoff allowed, as per the permit requirements.

In addition to demonstrating the mechanical integrity of the tubing-casing annulus, the integrity of the entire Westbay system was confirmed through a negative-pressure test. As per the permit requirements, the sealed Westbay completion assembly was to be tested to at least a 100 psi differential pressure and demonstrate no more than 3% leak-off over a one hour period. Such a test was conducted over approximately 20 hours from June 13 to June 14, 2011. In order to conduct the under balance test, the hydrostatic column in the well was reduced via nitrogen gas-lift through the gas-lift mandrel installed in the completion tubing at a depth of 1208 feet KB. The fluid column was successfully lowered to a depth of 1097 feet KB. A Westbay measurement probe was positioned at a depth of approximately 1550 feet KB in order to monitor the pressure throughout the duration of the test. The effective pressure under balance across the Westbay tubing at the position of the measurement probe was estimated to be 535 psi and of a comparable magnitude throughout the rest of the completion. The pressure was then monitored for approximately 20 hours, during which period the pressure was observed to change from 222.2 to 223.3 (1.1 psi), or less than 0.5% of the measured value. A plot of the results of the interior tubing test is included with the File Box Appendix X.A-B.

Finally, zonal isolation between the Westbay packers was verified in both the monitoring and QA zones by means of pre- and post-inflation pressure profile. A plot of the pre- and post-inflation pressure profiles is included in the File Box Appendix X.A-B. The pre-inflation profile reflects the mixed hydraulic head between the monitoring and QA zones when there is no zonal isolation; therefore, the pressure at each measurement point can be observed to lie along a common pressure gradient line. As each subsequent packer is inflated and as each zone is isolated (from deepest to shallowest), the hydrostatic influence of the underlying zone(s) is removed. Therefore, differences between the pre- and post-inflation pressure profiles provide confidence that, in fact, the packers are effectively isolating hydrostatic communication between each zone.

*D. Copies of logs and tests listed above*

Please see file boxes labeled Appendix X.A-B accompanying completion report for copies of geophysical logs and the results of the various test described above.

*E. Description of well stimulation*

No stimulation was required for the purpose of this well.

*XI. Well Design and Construction*

The depth intervals, outer and inner diameters, linear weight, grade, coupling type and coupling outer diameters, and thermal conductivity of the various strings of casing and tubing installed in the well are summarized below with appropriate units indicated. Please see Appendix XI for casing tally sheets and locations of casing centralizers.

*A. Casings, see instructions*

*1. Conductive casing*

N/A

*2. Surface casing*

Top Depth (feet): 0  
Bottom Depth (feet): 367  
O.D. (inch): 13.375  
I.D. (inch): 12.615  
Weight (lbs/ft): 54.50  
Grade: J55  
Coupling Type: STC  
Coupling O.D. (inch): 14.375  
Thermal Conductivity (BTU/ft-hr-°F): 29.02

*3. Intermediate casing(s)*

Top Depth (feet): 0  
Bottom Depth (feet): 5306  
O.D. (inch): 9.625  
I.D. (inch): 8.835  
Weight (lbs/ft): 40  
Grade: N-80  
Coupling Type: LTC  
Coupling O.D. (inch): 10.625  
Thermal Conductivity (BTU/ft-hr-°F): 29.02

4. *Long string casing*

**Top Section:**

Top Depth (feet): 0  
Bottom Depth (feet): 5056  
O.D. (inch): 5.5  
I.D. (inch): 4.892  
Weight (lbs/ft): 17  
Grade: J55  
Coupling Type: LTC  
Coupling O.D. (inch): 6.050  
Thermal Conductivity (BTU/ft-hr-°F): 31

**Bottom Section:**

Top Depth (feet): 5056  
Bottom Depth (feet): 7272  
O.D. (inch): 5.5  
I.D. (inch): 4.892  
Weight (lbs/ft): 17.00  
Grade: 13Cr85  
Coupling Type: BEAR  
Coupling O.D. (inch): 6.050  
Thermal Conductivity (BTU/ft-hr-°F): 16

5. *Other casing*

N/A

B. *Tubing, see instructions*

**Production Tubing**

Top Depth (feet): 0  
Bottom Depth (feet): 4745  
O.D. (inch): 2.875  
I.D. (inch): 2.44  
Weight (lbs/ft): 6.5  
Grade: J-55  
Coupling Type: EUE (min)  
Coupling O.D. (inch): 3.668  
Thermal Conductivity (BTU/ft-hr-°F): 29.02

**Westbay Tubing**

Top Depth (feet): 4745  
Bottom Depth (feet): 7128  
O.D. (inch): 2.5  
I.D. (inch): 2.26  
Weight (lbs/ft): 3.12  
Grade: 316L SS

Coupling Type: pin-up/box (captive nut) down, with proprietary Westbay/ACME thread  
Coupling O.D. (inch): 3.45  
Thermal Conductivity (BTU/ft-hr-°F): 9.246

1. *Maximum allowable suspended weight based on joint strength*

**Production Tubing:** 99660 lbs (45205 kgs)

**Westbay Tubing:** 22000 lbs (9979 kgs)

2. *Weight of injection tubing string (axial load) in air*

**Production Tubing:** 30843 lbs (13990 kgs)

**Westbay Tubing:** 7466 lbs (3387 kgs)

C. *Cement, see instructions*

Details about the various cement blends used in each stage of the construction of ADM Verification Well #1, including the depth interval, type and grade, additives, quantity, thermal conductivity, and whether or not the cement was circulated to surface, are summarized in the following sections with the appropriate units indicated.

1. *Conductive casing*

N/A

2. *Surface casing(s)*

Depth Interval (feet): 0 – 377

Type/Grade (Lead): Class A

Additives (Lead): Accelerator, LSCM

Quantity (Lead) (sk): 366

Type/Grade (Tail): Class A

Additives (Tail): Accelerator, LSCM

Quantity (Tail) (cubic yards): 365

Circulated: Yes

Thermal Conductivity (BTU/ft-hr-°F): 0.73

3. *Intermediate casing*

**Stage 1:**

Depth Interval (feet): 3692 – 5322  
Type/Grade (Lead): Class H  
Additives (Lead):

Additives		
Code	Conc.	Function
D047	0.020 gal/sk blend	Antifoam

Quantity (Lead) (sk): 353.4  
Circulated: Yes  
Thermal Conductivity (BTU/ft-hr-°F): 0.54

Type/Grade (Slurry): Class H  
Additives (Tail):

Additives		
Code	Conc.	Function
D047	0.020 gal/sk blend	Antifoam

Quantity (Slurry) (sk): 348.13  
Circulated: Yes  
Thermal Conductivity (BTU/ft-hr-°F): 0.74

**Stage 2:**

Depth Interval (feet): 0 – 3692  
Type/Grade (Lead): 35:65 Poz:H  
Additives (Lead):

Additives		
Code	Conc.	Function
D020	4.000 %BWOB	Extender
D079	0.400 %BWOB	Extender
D046	0.200 %BWOB	Antifoam
D167	0.400 %BWOB	Fluid loss
D042	5.000 lb/sk blend	LCM/extender
D044	10.000 %BWOW	Salt
D065	0.350 %BWOB	Dispersant

Quantity (Lead) (sk): 979.2  
Circulated: Yes  
Thermal Conductivity (BTU/ft-hr-°F): 0.54

Type/Grade (Tail): Class H  
Additives (Tail):

<b>Additives Code</b>	<b>Conc.</b>	<b>Function</b>
D047	0.020 gal/sk blend	Antifoam

Quantity (Tail) (sk): 99.57

Circulated: Yes

Thermal Conductivity (BTU/ft-hr-°F): 0.74

4. *Long string casing*

Depth Interval (feet): 0 – 4950

Type/Grade (Lead): 35:65 Poz:H

Additives (Lead):

<b>Additives Code</b>	<b>Conc.</b>	<b>Function</b>
D020	6.000 %BWOB	Extender
D046	0.200 %BWOB	Antifoam
D167	0.400 %BWOB	Fluid loss
D153	0.300 %BWOB	Antisettling
D079	0.175 %BWOB	Extender

Quantity (Lead) (sk): 725.18

Circulated: Yes

Thermal Conductivity (BTU/ft-hr-°F): 0.75

Depth Interval (feet): 4950- 7272

Type/Grade (Tail): EverCRETE

Additives (Tail):

<b>Additives Code</b>	<b>Conc.</b>	<b>Function</b>
D174	10.000 %BWOC	Expanding ce
D206	0.050 gal/sk blend	Antifoam
D145A	0.100 gal/sk blend	Dispersant
D500	0.400 gal/sk blend	GASBLOK LT
D177	0.020 gal/sk blend	Retarder

Quantity (Tail) (sk): 800.71

Circulated: Yes

Thermal Conductivity (BTU/ft-hr-°F): 0.75

5. *Other casing*

N/A

XII. *Surface Facilities, see instructions*

Verification Well #1 will not be used for injection and therefore there are no surface facilities or injection-related equipment affiliated with this well.



A. *Filters(s)*

N/A

B. *Injection pump(s)*

N/A

XIII. *Hydrogeologic Information*

A. *Revised UIC Form 4a*

Revised UIC Form 4a can be referenced in the Completion Report filed for the injection well CCS #1 (Frommelt, 2010).

B. *Revised UIC Form 4d using actual data on injection formation*

Revised UIC Form 4d can be referenced in the Completion Report filed for the injection well CCS #1 (Frommelt, 2010).

C. *Revised UIC Form 4g*

Please see Revised UIC Form 4g included as Appendix XIII.C.

D. *Copy of well completion report submitted to the Department of Natural Resources (Formerly Mines and Minerals)*

Please see attached copy of well completion report submitted to the DNR included as Appendix XIII.D.

E. *Copy of any plugging affidavits on injection well filed with Department of Natural Resources*

N/A

XIV. *Injection Fluid Compatibility, see instructions*

The verification well will not inject CO<sub>2</sub> however it is anticipated that it will come in contact with CO<sub>2</sub> from the nearby injection well.

A. *Compatibility with injection zones fluid*

Please refer to the discussion included in the Completion Report for the injection well CCS #1 (Frommelt, 2010).

B. *Compatibility with minerals in the injection zone*

Please refer to the discussion included in the Completion Report for the injection well CCS #1 (Frommelt, 2010).

C. *Compatibility with minerals in confining zone*

Please refer to the discussion included in the Completion Report for the injection well CCS #1 (Frommelt, 2010).

D. *Compatibility with injection well components*

1. *Injection tubing*

The Verification Well #1 is not intended for either injection or production; however, it has been designed with stainless steel components that are resistant to corrosion from exposure to CO<sub>2</sub>-brine mixtures. The only place the Westbay tubing may come in contact with the CO<sub>2</sub> is at the perforated intervals and there are no compatibility issues expected.

2. *Long string casing*

As per the design specifications approved under the UIC Permit No. UIC-012-ADM, a portion of the long string casing installed from total depth of the well past the base of the confining layer (to a depth of 5056') is composed of chrome steel (13CR85) and is specifically engineered to function in environments with high concentrations of CO<sub>2</sub>. The long string casing in the remainder of the well (5056' to surface) is carbon steel. Reactivity between the injected CO<sub>2</sub> and the long string casing is expected to be negligible.

3. *Cement*

As specified under UIC Permit No. UIC-012-ADM, the long string casing is encased from total depth to approximately 4950 feet (or approximately 370 feet into the intermediate casing string) in Schlumberger's proprietary blend of CO<sub>2</sub>-resistant cement, EverCRETE. Technical descriptions of the cement properties can be found in the original permit application (Chapter 9: UIC Form 4f, Section V, pages 135-139) and accompanying appendices. Reactivity between the injected CO<sub>2</sub> and the cement is expected to be negligible.

4. *Annular fluid*

The annular fluid between the injection tubing and the long string casing above the shallowest Westbay packer is a 9.4 lb/gal sodium chloride brine with Nalco Adomite ASP 539D corrosion inhibitor. Reactivity between the injected CO<sub>2</sub> and the annular fluid is

expected to be negligible.

5. *Packer(s)*

The packers installed are a Westbay MP55 are manufactured from 316/316L stainless steel and incorporate a reinforced rubber gland made of Hydrogenated Nitrile Butadiene Rubber (HNBR) and a pressure balanced inflation/deflation valve mounted on a stainless steel mandrel. The Westbay MP55 packers are CO<sub>2</sub> resistant and as a result will not be impacted by the injected CO<sub>2</sub>.

6. *Well head equipment*

Due to the isolation provided by the Westbay completion, components of the wellhead equipment will not be in contact with the injected CO<sub>2</sub>; therefore, no adverse reactions are expected between the injected CO<sub>2</sub> and any of the wellhead components.

7. *Holding tank(s) and flow lines*

Verification Well #1 is not used for injection and therefore will not possess holding tanks and flow lines for CO<sub>2</sub> injection.

E. *Full description of compatibility of injection fluid with items A-D*

In summary, Verification Well #1 is not used for injection or production and there are no compatibility concerns with the injection zone, minerals in the injection zone, and minerals in the confining zone. The CO<sub>2</sub> is expected to have negligible to no reaction with the minerals and formation water. Any reactions that may occur are not expected to affect the containment of the CO<sub>2</sub> below the primary seal. In addition, the materials from which the Westbay completion system is constructed are fit-for-purpose and designed to be resistant to adverse reactions with CO<sub>2</sub> and CO<sub>2</sub>-brine mixtures.

XV. *Monitoring Program, see instructions*

Details of the various process monitoring sensors and gauges are summarized below and include the location of the device, the brand and model number, the device type (electrical or mechanical), and whether or not the device is continuously recording.

A. *Pressure Monitoring gauge(s)*

Surface Pressure Gauge: Monitoring tag name to be determined (PIT-XX)  
Location: Installed directly into the Verification Well #1 wellhead tree cap port.  
Make / Model: ABB Model 266GSH-U  
Type: Electrical; Continuous Recording  
Operating Range (psig): 0 – 435; this exceeds maximum operating range

of system by more than 20%

Downhole Pressure Gauges: Westbay MOSDAX System

Pressure/Temperature Probe Model 2580

Location: There are a total of 11 measuring ports and 1 QA/QC port in the well as displayed below in Table 4.

**Table 4: Measurement Port Depths**

Measurement Port	Depth	Measurement Port	Depth
1	7060.6	7	6415.6
2	6982.4	8	5839.8
3	6945.0	9	5653.3
4	6837.3	QA/QC	5482.0
5	6719.7	10	5001.1
6	6631.7	11	4917.0

Make / Model: Westbay MOSDAX System Pressure/Temperature Probe Model 2580

Type: Electrical; Continuous Recording

Operating Range (psig): 0 – 5,000; this exceeds maximum operating range of the system by more than 20%

*B. Casing-tubing annular pressure gauge(s)*

For additional details on the Annulus Protection System, refer to the description included as Appendix IX.A.

Surface Pressure Gauge: Monitoring tag name to be determined (PIT-XX)

Location: Mounted on the Verification Well #1 wellhead port open to the casing-tubing annulus.

Make / Model: ABB Model 266GSH-U

Type: Electrical; Continuous Recording

Operating Range (psig): 0 – 435; this exceeds maximum operating range of system by more than 20%

*C. Flow meter(s)*

N/A

*D. pH recording device(s)*

N/A

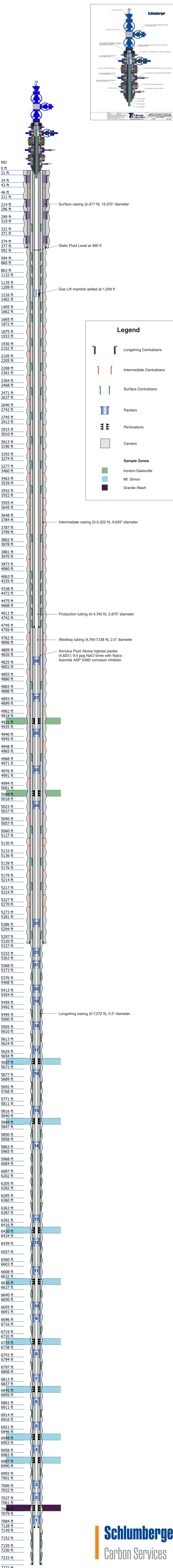
*E. Temperature*

Downhole Temperature Gauges: Westbay MOSDAX System

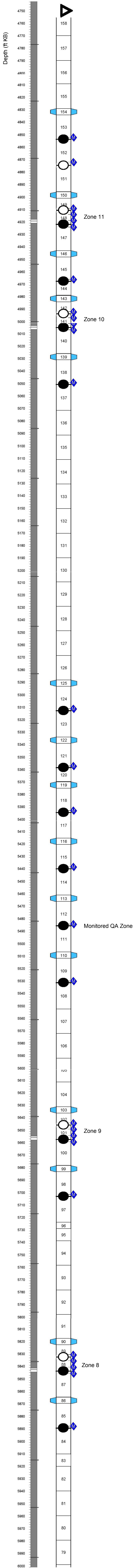
Pressure/Temperature Probe Model 2580



# Verification Well #1 Schematic

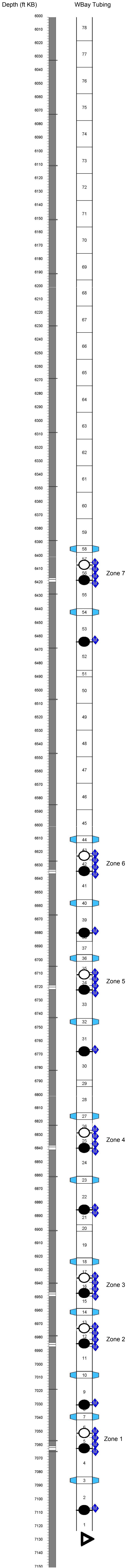






**Summary Log: IBDP Verification Well #1**

Schlumberger/ISGS  
Job No. WB 886  
DL  
June 3, 2011







MMV04S  
MMV04UG  
MMV04P  
MMV04D

MMV05S

New EC tower  
location

D

MMV01

E

C  
ADM-CCS1

MMV07S  
MMV07UG

MMV08UG  
MMV08S

CO<sub>2</sub> pipeline

USDW wells

GW wells

RTAC cable trench

Spare 2 twp cable

Grounding cable

Neon Line (Hybrid Fiber Comm)

8-twp 18 AWG copper

Geophone Cable

480 3-phase VAC power

Injection well

Westbay well

Geophone well

PS3 Line

120 VAC power



## **Appendix IX. – Contractor Morning Reports, Drilling Mechanics Log, and Daily Completion as Built Reports**



PIONEER OILFIELD SERVICES, LLC										MORNING REPORT					DATE 20100924		RIG NO. 15	JOB TYPE	JOB NO.		WELL TYPE	
WELLNAME ADM MMV #1										LEGAL DESCRIPTION					SPUD DATE / TIME 09-23-10 12:30				DAYS FR SPUD 1		PROJECTED TD	
OPERATOR ADM (ARCHER DANIEL MIDLAND)										COUNTY / PARISH Macon				STATE IL	JOB START DATE 09-15-10 15:45			DAYS ON JOB 9		EST. RELEASE		
RIG MANAGER W WOOD					RIG PHONE NUMBER 618-943-0053			OPERATORS REPRESENTATIVE			CO. MAN PH NO.		RELEASE DATE / TIME			WEATHER RAIN						
OPERATIONS @ REPORT TIME										OPERATIONS NEXT 24 HRS DRILL 17 1/2 SURFACE												
SAFETY	ACCIDENTS OR NEAR MISSES: NONE										# OF JSA's 4		RIG SAFETY DAYS 2		SAFETY RATE		G.P.S. COORDINATES N 39.8796 W -88.8934		BOP TEST DATE / PRESSURE N/A			
	SAFETY MEETING TOPICS RIGGING UP/DRILLING/HEVY EQUIPMENT										# STOP CARDS		LAST MEETING DATE 9/24AT700			CROWN-O-MATIC CHECKED YES		BOP DRILL DATE / TIME				
	LAST INSPECTION		INSPECTION BY / TITLE			CREW M / U		EXTRA CREWS / WHY?				OFFICE NOTIFIED		MANHOURS PAST 24 104.00		BOP DRILL DATE / TIME						
OPS	CURRENT DEPTH 165		FOOTAGE LAST 24 165		PEN. RATE 9.041		ROT. HRS 18.25		MAX. GAS		BCKGR GAS	CONN. GAS	TRIP GAS	LAST CASING SIZE & SET DEPTH			RIG COSTS					
	HOOKLOAD 23		PICKUP WEIGHT 23		SLACKOFF 23		ROTATING 23		ROTARY TORQUE			NEXT CASING SIZE & SET DEPTH 13 3/8 350			DAILY	S & R	RENTAL					
MUD	Time 0530	Mud Wt IN / OUT 9.2		Funnel Vis 68	PV	YLD PT	10 S GEL	10 M GEL	Fl. Loss	FILT CK	HTHP FL	HTTP FC	FUEL ADDED TO MUD TODAY CUM. 0.00			AVERAGE	0.00	0.00				
	Mud Type GEL		% SOLIDS	% LCM	% SAND	% OIL	% H2O	pH	MF	PF	CALCIUM	CHLORIDES	MUD COSTS DAILY CUM. 0.00		CUMULATIVE	0.00	0.00					
	CENTRIFUGES				SHAKER TYPE NATIONAL				SCREENS 210			CHANGED		WATER SOURCE HYD	CUMULATIVE DAYS	1.0	1.0					
TIME LOG	FROM	TO	HRS	CODE	DETAILS OF OPERATIONS IN SEQUENCE										TIME BREAKDOWN		(Today / Well)					
	700	730	0.5	1	RIG UP										1: RIG UP / DOWN	0.5	0.5					
	730	1130	4.0	2	DRILL RAT AND MOUSE HOLE										2: DRILLING	18.25	18.25					
	1130	1230	1.0	21	MAKE UP 17 1/2 BIT										3: REAMING							
	1230	1315	0.75	2	DRILL 17 1/2 SURFACE HOLE										4: CORING							
	1315	1330	0.25	8	REPAIR RIG/TAKE DAWGS OUT OF KELLY SPINNERS										5: COND. & CIRC							
	1330	1500	1.5	21	TIGHT5EN KELLY/BREAK SUBS& BIT										6: TRIPS							
	1500	2300	8.0	2	DRILL ACTUAL										7: LUBRICATE RIG							
	2300	2315	0.25	2	DRILL ACTUAL										8: REPAIR RIG	2.75	2.75					
	2315	0000	0.75	8	REPAIR RIG GO THRU PUMP										9: C/O DRILL LINE							
	0000	0030	0.5	2	DRILL ACTUAL										10: DEVIATION							
	0030	0100	0.5	8	REPAIR RIG GO THRU PUMP										11: WIRELINE LOG							
	0100	0430	3.5	2	DRILL ACTUAL										12: RUN CSG & CMNT							
	0430	0545	1.25	8	REPAIR RIG GO THRU PUMP										13: WAIT ON CEMENT							
	0545	0700	1.25	2	DRILL ACTUAL										14: NIPPLE UP BOP							
															15: TEST BOP							
															16: DRILL STEM TEST							
															17: PLUGBACK							
															18: SQUEEZE CMNT							
															19: FISHING							
															20: DIR. WORK							
																2.5	2.5					
															OTHER							
														Total Hours	24.0	24.0						
BITS	BIT#	SIZE	TYPE	MAKE	SERIAL #	NOZZLES		IN @	OUT @	DRILLED	HRS	CUM. HRS	CONDITION	R O P								
	1	17 1/2	QD507	HTC	7021321	6X14/1X16		0														
	1	17 1/2	QD507	HTC	7021321	6X14/1X16		0														
	1	17 1/2	QD507	HTC	7021321	6X14/1X16		0				0.00										
PUMPS	Depth		GPM	PRESSURE	Pump 1		Pump 2		Pump 3		Pump 4		TYPE	STROKE	Manufacturer	HRS	Total HRS	MAX PSI	SPR Kill Rate	KILL (SPM)		
					Liner	SPM	Liner	SPM	Liner	SPM	Liner	SPM	Pump 1	Q-Z9	9IN	N/A		0.00				
	0 - 44			50	6	100							Pump 2	Q-Z9	9IN	N/A		0.00				
	44 - 137			400	6	100	6	100					Pump 3					0.00				
	137 - 165				6								Pump 4					0.00				
DRLLSTRG	SIZE	WEIGHT	GRADE	I.D.	TJ O.D.	THREAD	# JNTS	LENGTH	IN HOLE	ON RACK	REPAIRS	DRILL STRING REMARKS										
	8 INCH																					
ENGINES	LOCATION									NO.	DRILLING ASSEMBLY ( BHA )				O.D.	I.D.	LENGTH	DEVIATION SURVEYS				
	Co. No.									3	D.C.				8IN	2.81	92.71	DEPTH	INCL	AZM		
	HRS TODAY																					
	HRS ON WELL																					
	HRS LAST CHGE																					
RIG FUEL	DELIVERED TODAY		0.00		BOILER	HOURS		FUEL USED														
	On Hand		1791.00			TODAY																
	Used Today		-1791.00			WELL																
	Used This Well		-1791.00			BOILER #																
	Fuel Brand					BLOWDOWN VOLUMES																
MUD MTR	SERIAL #	HRS LAST 24	TOTAL HRS	CUM. WELL HRS	FOOTAGE LAST 24	TOTAL FOOTAGE																
RENTAL ITEMS	DESCRIPTION					DAY RT	STDBY	HLRY														
REPORT REMARKS											DEPTH DRILLED											
											FROM	TO	CODE	RPM	W.O.B.							
											0	44	D	60	3							
											44	137		60	3							
											137	165			8							

PIONEER OILFIELD SERVICES, LLC										MORNING REPORT					DATE 20100925		RIG NO. 15	JOB TYPE	JOB NO.		WELL TYPE	
WELLNAME ADM MMV #1										LEGAL DESCRIPTION					SPUD DATE / TIME 09-23-10 12:30				DAYS FR SPUD 2		PROJECTED TD	
OPERATOR ADM (ARCHER DANIEL MIDLAND)										COUNTY / PARISH Macon				STATE IL	JOB START DATE 09-15-10 15:45			DAYS ON JOB 10		EST. RELEASE		
RIG MANAGER W WOOD					RIG PHONE NUMBER 618-943-0053			OPERATORS REPRESENTATIVE			CO. MAN PH NO.		RELEASE DATE / TIME			WEATHER RAIN						
OPERATIONS @ REPORT TIME										OPERATIONS NEXT 24 HRS DRILL 17 1/2 SURFACE												
SAFETY	ACCIDENTS OR NEAR MISSES:								# OF JSA's		RIG SAFETY DAYS 3		SAFETY RATE		G.P.S. COORDINATES N 39.8796 W -88.8934		BOP TEST DATE / PRESSURE N/A					
	SAFETY MEETING TOPICS								# STOP CARDS		LAST MEETING DATE 9/24AT700				CROWN-O-MATIC CHECKED YES		BOP DRILL DATE / TIME					
	LAST INSPECTION		INSPECTION BY / TITLE			CREW M / U		EXTRA CREWS / WHY?				OFFICE NOTIFIED		MANHOURS PAST 24 104.00		BOP DRILL DATE / TIME						
OPS	CURRENT DEPTH 352		FOOTAGE LAST 24 187		PEN. RATE 7.957		ROT. HRS 23.5		MAX. GAS		BCKGR GAS		CONN. GAS		TRIP GAS		LAST CASING SIZE & SET DEPTH		RIG COSTS			
	HOOKLOAD 23		PICKUP WEIGHT 23		SLACKOFF 23		ROTATING 23		ROTARY TORQUE				NEXT CASING SIZE & SET DEPTH		DAILY		S & R		RENTAL			
MUD	Time 0500	Mud Wt IN / OUT 9.7		Funnel Vis 90	PV	YLD PT	10 S GEL	10 M GEL	Fl. Loss	FILT CK	HTHP FL	HTTP FC	FUEL ADDED TO MUD TODAY		CUM. 0.00		AVERAGE		0.00	0.00		
	Mud Type GEL		% SOLIDS	% LCM	% SAND	% OIL	% H2O	pH	MF	PF	CALCIUM	CHLORIDES	MUD COSTS DAILY		CUM. 0.00		CUMULATIVE		0.00	0.00		
	CENTRIFUGES				SHAKER TYPE NATIONAL				SCREENS 210				CHANGED		WATER SOURCE HYD		CUMULATIVE DAYS		2.0	2.0		
TIME LOG	FROM	TO	HRS	CODE	DETAILS OF OPERATIONS IN SEQUENCE										TIME BREAKDOWN		(Today / Well)					
	700	800	1.0	2	DRILL SURFACE HOLE FROM 165 TO 169										1: RIG UP / DOWN			0.5				
	800	830	0.5	10	DEVIATION SURVEY( 1/2 DEGREE)										2: DRILLING		23.5	41.75				
	830	1500	6.5	2	DRILL SURFACE HOE FROM 169 TO229										3: REAMING							
	1500	2300	8.0	2	DRILL ACTUAL FROM 229 TO 293										4: CORING							
	2300		0.0												5: COND. & CIRC							
	2300	0700	8.0	2	DRILL SURFACE FROM 293 TO 352										6: TRIPS							
															7: LUBRICATE RIG							
															8: REPAIR RIG			2.75				
															9: C/O DRILL LINE							
															10: DEVIATION		0.5	0.5				
															11: WIRELINE LOG							
															12: RUN CSG & CMNT							
															13: WAIT ON CEMENT							
															14: NIPPLE UP BOP							
															15: TEST BOP							
															16: DRILL STEM TEST							
															17: PLUGBACK							
															18: SQUEEZE CMNT							
															19: FISHING							
															20: DIR. WORK							
																		2.5				
															OTHER		0.0					
														Total Hours		24.0	48.0					
BITS	BIT#	SIZE	TYPE	MAKE	SERIAL #	NOZZLES		IN @	OUT @	DRILLED	HRS	CUM. HRS	CONDITION	R O P								
	1	17 1/2	QD507	HTC	7021321	6X14/1X16		0				0.00										
	1	17 1/2	QD507	HTC	7021321	6X14/1X16		0				0.00										
	1	17 1/2	QD507	HTC	7021321	6X14/1X16		0				0.00										
PUMPS	Depth		GPM	PRESSURE	Pump 1		Pump 2		Pump 3		Pump 4			TYPE	STROKE	Manufacturer	HRS	Total HRS	MAX PSI	SPR Kill Rate	KILL (SPM)	
					Liner	SPM	Liner	SPM	Liner	SPM	Liner	SPM	Pump 1	Q-Z9	9IN	N/A		0.00				
	165 - 229				6	122							Pump 2	Q-Z9	9IN	N/A		0.00				
	229 - 293			397	6	122	6	101					Pump 3					0.00				
	293 - 352			480	6	122	6						Pump 4					0.00				
DRLLSTRG	SIZE	WEIGHT	GRADE	I.D.	TJ O.D.	THREAD	# JNTS	LENGTH	IN HOLE	ON RACK	REPAIRS	DRILL STRING REMARKS										
ENGINES	LOCATION									NO.	DRILLING ASSEMBLY ( BHA )				O.D.	I.D.	LENGTH	DEVIATION SURVEYS				
	Co. No.									3					8IN	2.81	90.00	DEPTH	INCL	AZM		
	HRS TODAY									8					6IN		240	150	.5			
	HRS ON WELL																					
	HRS LAST CHGE																					
RIG FUEL	DELIVERED TODAY				BOILER			HOURS		FUEL USED												
	On Hand		946.00			TODAY																
	Used Today		845.00			WELL																
	Used This Well		-946.00			BOILER #																
	Fuel Brand					BLOWDOWN VOLUMES																
MUD MTR	SERIAL #	HRS LAST 24	TOTAL HRS	CUM. WELL HRS	FOOTAGE LAST 24	TOTAL FOOTAGE																
RENTAL ITEMS	DESCRIPTION					DAY RT	STDBY	HLRY														
REPORT REMARKS											DEPTH DRILLED											
											FROM	TO	CODE	RPM		W.O.B.						
											165	229	D	120		12						
											229	293		134		15						
											293	352		130		25						

PIONEER OILFIELD SERVICES, LLC										MORNING REPORT					DATE 20100926		RIG NO. 15	JOB TYPE	JOB NO.		WELL TYPE		
WELLNAME ADM MMV #1										LEGAL DESCRIPTION					SPUD DATE / TIME 09-23-10 12:30				DAYS FR SPUD 3		PROJECTED TD		
OPERATOR ADM (ARCHER DANIEL MIDLAND)										COUNTY / PARISH Macon				STATE IL	JOB START DATE 09-15-10 15:45			DAYS ON JOB 11		EST. RELEASE			
RIG MANAGER W WOOD					RIG PHONE NUMBER 618-943-0053			OPERATORS REPRESENTATIVE			CO. MAN PH NO.		RELEASE DATE / TIME			WEATHER RAIN							
OPERATIONS @ REPORT TIME W.O.C										OPERATIONS NEXT 24 HRS w.o.c / nipple up b.o.p													
SAFETY	ACCIDENTS OR NEAR MISSES:										# OF JSA's		RIG SAFETY DAYS 4		SAFETY RATE		G.P.S. COORDINATES N 39.8796 W -88.8934		BOP TEST DATE / PRESSURE N/A				
	SAFETY MEETING TOPICS nipple up /help welder										# STOP CARDS		LAST MEETING DATE 9/24AT700				CROWN-O-MATIC CHECKED YES		BOP DRILL DATE / TIME				
	LAST INSPECTION		INSPECTION BY / TITLE			CREW M / U		EXTRA CREWS / WHY?				OFFICE NOTIFIED		MANHOURS PAST 24 104.00		BOP DRILL DATE / TIME							
OPS	CURRENT DEPTH 377		FOOTAGE LAST 24 25		PEN. RATE 5.882		ROT. HRS 4.25		MAX. GAS		BCKGR GAS		CONN. GAS		TRIP GAS		LAST CASING SIZE & SET DEPTH 13 3/8 380		RIG COSTS				
	HOOKLOAD 23		PICKUP WEIGHT 23		SLACKOFF 23		ROTATING 23		ROTARY TORQUE				NEXT CASING SIZE & SET DEPTH				DAILY	S & R	RENTAL				
MUD	Time 7	Mud Wt IN / OUT 9.8		Funnel Vis 70	PV	YLD PT	10 S GEL	10 M GEL	Fl. Loss	FILT CK	HTHP FL	HTTP FC	FUEL ADDED TO MUD TODAY CUM. 0.00		AVERAGE	0.00	0.00						
	Mud Type GEL		% SOLIDS	% LCM	% SAND	% OIL	% H2O	pH	MF	PF	CALCIUM	CHLORIDES	MUD COSTS DAILY CUM. 0.00		CUMULATIVE	0.00	0.00						
	CENTRIFUGES				SHAKER TYPE NATIONAL				SCREENS 210				CHANGED		WATER SOURCE HYD		CUMULATIVE DAYS	3.0	3.0				
TIME LOG	FROM	TO	HRS	CODE	DETAILS OF OPERATIONS IN SEQUENCE										TIME BREAKDOWN		(Today / Well)						
	700	715	0.25	21	safety meet										1: RIG UP / DOWN		0.5						
	715	1130	4.25	2	DRILL 17 1/2 SURFACE HOLE FROM 352 TO 377										2: DRILLING		4.25	46.0					
	1130	1200	0.5	5	CIRC FOR TRIP AND STRAIGHT HOLE										3: REAMING								
	1200	1300	1.0	6	TRIP OUT OF HOLE										4: CORING								
	1300	1500	2.0	11	RIG UP LOGGERS AND LOG HOLE										5: COND. & CIRC		1.25	1.25					
	2300	2315	0.25	21	SAFTEY MEETING										6: TRIPS		1.0	1.0					
	2315	0215	3.0	12	RUN CASING										7: LUBRICATE RIG								
	0215	0300	0.75	5	CIRCULATE										8: REPAIR RIG			2.75					
	0300	0345	0.75	12	CEMENT 360 SKS CLASS A 1% CA C/2 1/4 PLACE CIR. CEMENT 20 BBL										9: C/O DRILL LINE								
	0345	0700	3.25	13	WAIT ON CEMENT CLEAN PITS										10: DEVIATION			0.5					
															11: WIRELINE LOG		2.0	2.0					
															12: RUN CSG & CMNT		3.75	3.75					
															13: WAIT ON CEMENT		3.25	3.25					
															14: NIPPLE UP BOP								
															15: TEST BOP								
															16: DRILL STEM TEST								
															17: PLUGBACK								
															18: SQUEEZE CMNT								
															19: FISHING								
															20: DIR. WORK								
																	0.5	3.0					
															OTHER								
														Total Hours		16.0	64.0						
BITS	BIT#	SIZE	TYPE	MAKE	SERIAL #	NOZZLES		IN @	OUT @	DRILLED	HRS	CUM. HRS	CONDITION	R O P									
	1	17 1/2	QD507	HTC	7021321	6X14/1X16		0				0.00											
	1	17 1/2	QD507	HTC	7021321	6X14/1X16		0		29	29	29.00											
												0.00											
												0.00											
PUMPS	Depth		GPM	PRESSURE	Pump 1		Pump 2		Pump 3		Pump 4			TYPE	STROKE	Manufacturer	HRS	Total HRS	MAX PSI	SPR Kill Rate	KILL (SPM)		
					Liner	SPM	Liner	SPM	Liner	SPM	Liner	SPM	Pump 1	Q-Z9	9IN	N/A		0.00					
	352 - 377			593	6	116	6						Pump 2	Q-Z9	9IN	N/A		0.00					
	377 -				6	6							Pump 3					0.00					
					6	6							Pump 4					0.00					
DRLLSTRG	SIZE	WEIGHT	GRADE	I.D.	TJ O.D.	THREAD	# JNTS	LENGTH	IN HOLE	ON RACK	REPAIRS	DRILL STRING REMARKS											
ENGINES	LOCATION									NO.	DRILLING ASSEMBLY ( BHA )				O.D.	I.D.	LENGTH	DEVIATION SURVEYS					
	Co. No.									1	BIT						1.8	DEPTH	INCL	AZM			
	HRS TODAY									1	KELLY						41	350	.0625				
	HRS ON WELL									1	BIT SUB						2						
	HRS LAST CHGE																						
	AVERAGE KVA																						
RIG FUEL	DELIVERED TODAY				BOILER			HOURS	FUEL USED														
	On Hand		387.00			TODAY																	
	Used Today		559.00			WELL																	
	Used This Well		-387.00			BOILER #																	
	Fuel Brand					BLOWDOWN VOLUMES																	
	DISTRIBUTOR																						
MUD MTR	SERIAL #	HRS LAST 24	TOTAL HRS	CUM. WELL HRS	FOOTAGE LAST 24	TOTAL FOOTAGE																	
RENTAL ITEMS	DESCRIPTION					DAY RT	STDBY	HLRY															
REPORT REMARKS	ADAM FOX					3 STAND OFF BOTTOM PULLED TIGHT					DEPTH DRILLED												
											FROM	TO	CODE	RPM	W.O.B.								
											352	377	D	130	20								
											377												

PIONEER OILFIELD SERVICES, LLC										MORNING REPORT					DATE 20100927		RIG NO. 15	JOB TYPE	JOB NO.		WELL TYPE									
WELLNAME ADM MMV #1										LEGAL DESCRIPTION					SPUD DATE / TIME 09-23-10 12:30				DAYS FR SPUD 4		PROJECTED TD									
OPERATOR ADM (ARCHER DANIEL MIDLAND)										COUNTY / PARISH Macon				STATE IL	JOB START DATE 09-15-10 15:45			DAYS ON JOB 12		EST. RELEASE										
RIG MANAGER W WOOD					RIG PHONE NUMBER 618-943-0053			OPERATORS REPRESENTATIVE			CO. MAN PH NO.		RELEASE DATE / TIME			WEATHER RAIN														
OPERATIONS @ REPORT TIME break bit										OPERATIONS NEXT 24 HRS test b.o.p/trip in hole																				
SAFETY	ACCIDENTS OR NEAR MISSES:										# OF JSA's		RIG SAFETY DAYS 5		SAFETY RATE		G.P.S. COORDINATES N 39.8796 W -88.8934		BOP TEST DATE / PRESSURE N/A											
	SAFETY MEETING TOPICS trips/ test b.o.p										# STOP CARDS		LAST MEETING DATE 9/24AT700				CROWN-O-MATIC CHECKED YES		BOP DRILL DATE / TIME											
	LAST INSPECTION		INSPECTION BY / TITLE			CREW M / U		EXTRA CREWS / WHY?				OFFICE NOTIFIED		MANHOURS PAST 24 104.00		BOP DRILL DATE / TIME														
OPS	CURRENT DEPTH		FOOTAGE LAST 24		PEN. RATE		ROT. HRS		MAX. GAS		BCKGR GAS		CONN. GAS		TRIP GAS		LAST CASING SIZE & SET DEPTH 13 3/8 380		RIG COSTS											
			0		0.0																									
MUD	HOOKLOAD 23		PICKUP WEIGHT 23			SLACKOFF 23			ROTATING 23			ROTARY TORQUE			NEXT CASING SIZE & SET DEPTH			DAILY												
	Time		Mud Wt IN / OUT		Funnel Vis		PV		YLD PT		10 S GEL		10 M GEL		Fl. Loss		FILT CK		HTHP FL		HTTP FC		FUEL ADDED TO MUD TODAY CUM. 0.00		AVERAGE		0.00		0.00	
	Mud Type water		% SOLIDS		% LCM		% SAND		% OIL		% H2O		pH		MF		PF		CALCIUM		CHLORIDES		MUD COSTS DAILY CUM. 0.00		CUMULATIVE		0.00		0.00	
CENTRIFUGES					SHAKER TYPE NATIONAL					SCREENS 210					CHANGED		WATER SOURCE HYD		CUMULATIVE DAYS		4.0		4.0							
TIME LOG	FROM	TO	HRS	CODE	DETAILS OF OPERATIONS IN SEQUENCE													TIME BREAKDOWN		(Today / Well)										
	700	715	0.25	21	safety meeting													1: RIG UP / DOWN		0.5										
	715	1230	5.25	13	WAIT ON CEMENT													2: DRILLING		46.0										
	1230	1330	1.0	14	NIPPLE DOWN 13 3/8													3: REAMING												
	1330	1500	1.5	22	PICK UP 1 STAND COLLARS TRY TO BREAK BIT( DID NOT BREAK)													4: CORING												
	1500	1515	0.25	21	SAFETY MEETING													5: COND. & CIRC		1.25										
	1515	2300	7.75	14	NIPPLE UP B.O.P. AND HYDRIL													6: TRIPS		1.0										
	2300	2315	0.25	21	SAFETY MEETING													7: LUBRICATE RIG												
	2315	0700	7.75	14	NIPPLE UP B.O.P.													8: REPAIR RIG		2.75										
																		9: C/O DRILL LINE												
																		10: DEVIATION		0.5										
																		11: WIRELINE LOG		2.0										
																		12: RUN CSG & CMNT		3.75										
																		13: WAIT ON CEMENT		5.25 8.5										
																		14: NIPPLE UP BOP		16.5 16.5										
																		15: TEST BOP												
																		16: DRILL STEM TEST												
																		17: PLUGBACK												
																		18: SQUEEZE CMNT												
																		19: FISHING												
																		20: DIR. WORK												
																				0.75 3.75										
																				1.5 1.5										
																	OTHER													
																	Total Hours		24.0 88.0											
BITS	BIT#	SIZE	TYPE	MAKE	SERIAL #	NOZZLES	IN @	OUT @	DRILLED	HRS	CUM. HRS	CONDITION	R O P																	
											0.00																			
											0.00																			
											0.00																			
											0.00																			
PUMPS	Depth	GPM	PRESSURE	Pump 1 Liner SPM	Pump 2 Liner SPM	Pump 3 Liner SPM	Pump 4 Liner SPM	Pump 1	TYPE	STROKE	Manufacturer	HRS	Total HRS	MAX PSI	SPR Kill Rate	KILL (SPM)														
				6	6			Pump 2	Q-Z9	9IN	N/A		0.00																	
				6	6			Pump 3	Q-Z9	9IN	N/A		0.00																	
				6				Pump 4					0.00																	
				6	6								0.00																	
DRLLSTRG	SIZE	WEIGHT	GRADE	I.D.	TJ O.D.	THREAD	# JNTS	LENGTH	IN HOLE	ON RACK	REPAIRS	DRILL STRING REMARKS																		
ENGINES	LOCATION								NO.	DRILLING ASSEMBLY ( BHA )			O.D.	I.D.	LENGTH	DEVIATION SURVEYS														
	Co. No.															DEPTH	INCL	AZM												
	HRS TODAY																													
	HRS ON WELL																													
	HRS LAST CHGE																													
	AVERAGE KVA																													
RIG FUEL	DELIVERED TODAY			BOILER		HOURS	FUEL USED																							
	On Hand	2255.00	TODAY																											
	Used Today	-1868.00	WELL																											
	Used This Well	-2255.00	BOILER #																											
	Fuel Brand		BLOWDOWN VOLUMES																											
	DISTRIBUTOR																													
MUD MTR	SERIAL #	HRS LAST 24	TOTAL HRS	CUM. WELL HRS	FOOTAGE LAST 24	TOTAL FOOTAGE																								
RENTAL ITEMS	DESCRIPTION					DAY RT	STDBY	HLRY																						
REPORT REMARKS											DEPTH DRILLED																			
											FROM	TO	CODE	RPM	W.O.B.															

PIONEER OILFIELD SERVICES, LLC										MORNING REPORT					DATE 20100928		RIG NO. 15	JOB TYPE	JOB NO.		WELL TYPE	
WELLNAME ADM MMV #1										LEGAL DESCRIPTION					SPUD DATE / TIME 09-23-10 12:30				DAYS FR SPUD 5		PROJECTED TD	
OPERATOR ADM (ARCHER DANIEL MIDLAND)										COUNTY / PARISH Macon				STATE IL	JOB START DATE 09-15-10 15:45			DAYS ON JOB 13		EST. RELEASE		
RIG MANAGER W WOOD					RIG PHONE NUMBER 618-943-0053			OPERATORS REPRESENTATIVE PT HUGHESR			CO. MAN PH NO.		RELEASE DATE / TIME			WEATHER CLOUDY/49DEG						
OPERATIONS @ REPORT TIME DRILLING										OPERATIONS NEXT 24 HRS DRILLING												
SAFETY	ACCIDENTS OR NEAR MISSES: NONE										# OF JSA's 3		RIG SAFETY DAYS 6		SAFETY RATE		G.P.S. COORDINATES N 39.8796 W -88.8934		BOP TEST DATE / PRESSURE 9/27/10/1100/250 PSIG			
	SAFETY MEETING TOPICS DRILLING /SCRUBBING										# STOP CARDS		LAST MEETING DATE 9/24AT700				CROWN-O-MATIC CHECKED YES		BOP DRILL DATE / TIME			
	LAST INSPECTION		INSPECTION BY / TITLE			CREW M / U		EXTRA CREWS / WHY?				OFFICE NOTIFIED		MANHOURS PAST 24 124.00		BOP DRILL DATE / TIME						
OPS	CURRENT DEPTH 495		FOOTAGE LAST 24 495		PEN. RATE 43.043		ROT. HRS 11.5		MAX. GAS		BCKGR GAS		CONN. GAS		TRIP GAS		LAST CASING SIZE & SET DEPTH 13 3/8 375		RIG COSTS			
	HOOKLOAD 23		PICKUP WEIGHT 23		SLACKOFF 23		ROTATING 23		ROTARY TORQUE				NEXT CASING SIZE & SET DEPTH 9 5/8 @5320 FT				DAILY		S & R	RENTAL		
MUD	Time 0500	Mud Wt IN / OUT 8.7		Funnel Vis	PV	YLD PT	10 S GEL	10 M GEL	Fl. Loss	FILT CK	HTHP FL	HTTP FC	FUEL ADDED TO MUD TODAY CUM. 0.00				AVERAGE	0.00	0.00			
	Mud Type water		% SOLIDS	% LCM	% SAND	% OIL	% H2O	pH	MF	PF	CALCIUM	CHLORIDES	MUD COSTS DAILY 1500.00 CUM. 1500.00				CUMULATIVE	0.00	0.00			
	CENTRIFUGES				SHAKER TYPE NATIONAL				SCREENS 210				CHANGED		WATER SOURCE HYD		CUMULATIVE DAYS	5.0	5.0			
TIME LOG	FROM	TO	HRS	CODE	DETAILS OF OPERATIONS IN SEQUENCE												TIME BREAKDOWN		(Today / Well)			
	700	715	0.25	21	safety meeting												1: RIG UP / DOWN		0.5			
	715	800	0.75	22	pick up 1 stand collars break bit												2: DRILLING		11.5	57.5		
	800	915	1.25	6	pu 1 8inch collar make up/ lay down bottom hole collar												3: REAMING					
	915	1100	1.75	22	spot choke manifold and hook up												4: CORING					
	1100	1300	2.0	15	FUNCTION TEST B.O.P.												5: COND. & CIRC			1.25		
	1300	1415	1.25	6	PICK UP MONEL/MAKE UP BIT/TRIP IN HOLE												6: TRIPS		2.5	3.5		
	1415	1500	0.75	15	PRESSURE TEST B.O.P.												7: LUBRICATE RIG					
	1500	1515	0.25	21	SAFETY MEETING												8: REPAIR RIG			2.75		
	1515	1800	2.75	2	DRILL												9: C/O DRILL LINE					
	1800	1900	1.0	14	NIPPLE UP B.O.P.												10: DEVIATION			0.5		
	1900	2300	4.0	2	DRILL SHOE TRACK												11: WIRELINE LOG			2.0		
			0.0		TAGGED CEMENT AT 320 FT												12: RUN CSG & CMNT			3.75		
			0.0		FIXED GASKET ON FLOW T AND SPREAD TARP BEHIND SHAKER PIT												13: WAIT ON CEMENT			8.5		
			0.0		DRILLING ON FLOAT COLLAR AT 330FT TEST CASING TO 300 PSIG												14: NIPPLE UP BOP		1.0	17.5		
	2300	2315	0.25	21	SAFTEY MEETING												15: TEST BOP		5.75	5.75		
	2315	2330	0.25	2	DRILL CEMENT												16: DRILL STEM TEST					
	2330	0000	0.5	15	TEST B.O.P. PIPE RAMS TO 250 PSIG												17: PLUGBACK					
	0000	0030	0.5	2	DRILL CEMENT AND SHOE												18: SQUEEZE CMNT					
	0030	0300	2.5	15	TEST B.O.P. TIGHTEN CROSSHEAD PERFORM FIT 9.3PPG												19: FISHING					
	0300	0700	4.0	2	DRILL AHEAD												20: DIR. WORK					
																	OTHER		0.0			
																Total Hours		24.0	112.0			
BITS	BIT#	SIZE	TYPE	MAKE	SERIAL #	NOZZLES		IN @	OUT @	DRILLED	HRS	CUM. HRS	CONDITION	R O P								
	2	12 1/4	0506FHX	HTC	7017590	6X15		377														
	2	12 1/4	0506FHX	HTC	7017590	6X15		377														
	2	12 1/4	0506FHX	HTC	7017590	6X15		377														
PUMPS	Depth		GPM	PRESSURE	Pump 1		Pump 2		Pump 3		Pump 4		TYPE	STROKE	Manufacturer	HRS	Total HRS	MAX PSI	SPR Kill Rate	KILL (SPM)		
					Liner	SPM	Liner	SPM	Liner	SPM	Liner	SPM	Pump 1	Q-Z9	9IN	N/A		0.00				
	-				6	6							Pump 2	Q-Z9	9IN	N/A		0.00				
	377 - 495		438	355	6	70	6	70					Pump 3					0.00				
				748	6	90	6	90					Pump 4					0.00				
DRLLSTRG	SIZE	WEIGHT	GRADE	I.D.	TJ O.D.	THREAD	# JNTS	LENGTH	IN HOLE	ON RACK	REPAIRS	DRILL STRING REMARKS										
ENGINES	LOCATION									NO.	DRILLING ASSEMBLY ( BHA )				O.D.	I.D.	LENGTH	DEVIATION SURVEYS				
	Co. No.																	DEPTH	INCL	AZM		
	HRS TODAY																					
	HRS ON WELL																					
	HRS LAST CHGE																					
RIG FUEL	DELIVERED TODAY				BOILER			HOURS		FUEL USED												
	On Hand		2255.00			TODAY																
	Used Today		0.00			WELL																
	Used This Well		-2255.00			BOILER #																
	Fuel Brand					BLOWDOWN VOLUMES																
MUD MTR	SERIAL #	HRS LAST 24	TOTAL HRS	CUM. WELL HRS	FOOTAGE LAST 24	TOTAL FOOTAGE																
RENTAL ITEMS	DESCRIPTION					DAY RT	STDBY	HLRY														
REPORT REMARKS											DEPTH DRILLED											
											FROM	TO	CODE	RPM		W.O.B.						
														60		5						
											377	495		78		7						

PIONEER OILFIELD SERVICES, LLC										MORNING REPORT					DATE 20100929		RIG NO. 15	JOB TYPE	JOB NO.		WELL TYPE					
WELLNAME ADM Verification Well #1										LEGAL DESCRIPTION					SPUD DATE / TIME 09-23-10 12:30					DAYS FR SPUD 6		PROJECTED TD				
OPERATOR ADM (ARCHER DANIEL MIDLAND)										COUNTY / PARISH Macon					STATE IL	JOB START DATE 09-15-10 15:45					DAYS ON JOB 14		EST. RELEASE			
RIG MANAGER W WOOD					RIG PHONE NUMBER 618-943-0053					OPERATORS REPRESENTATIVE PT HUGHESR					CO. MAN PH NO.		RELEASE DATE / TIME					WEATHER CLOUDY/49DEG				
OPERATIONS @ REPORT TIME DRILLING															OPERATIONS NEXT 24 HRS DRILLING/ PREP TO MUD UP											
SAFETY	ACCIDENTS OR NEAR MISSES: NONE										# OF JSA's 3		RIG SAFETY DAYS 7		SAFETY RATE		G.P.S. COORDINATES N 39.8796 W -88.8934			BOP TEST DATE / PRESSURE 9/27/10/1100/250 PSIG						
	SAFETY MEETING TOPICS DRILLING/MIXING MUD&CHEM										# STOP CARDS		LAST MEETING DATE 9/24AT700					CROWN-O-MATIC CHECKED YES			BOP DRILL DATE / TIME					
	LAST INSPECTION		INSPECTION BY / TITLE				CREW M / U		EXTRA CREWS / WHY?					OFFICE NOTIFIED		MANHOURS PAST 24 104.00			BOP DRILL DATE / TIME							
OPS	CURRENT DEPTH 1151		FOOTAGE LAST 24 656		PEN. RATE 34.526		ROT. HRS 19.0		MAX. GAS		BCKGR GAS		CONN. GAS		TRIP GAS		LAST CASING SIZE & SET DEPTH 13 3/8			RIG COSTS						
	HOOKLOAD 23		PICKUP WEIGHT 23		SLACKOFF 23		ROTATING 23		ROTARY TORQUE			NEXT CASING SIZE & SET DEPTH			DAILY		S & R		RENTAL							
MUD	Time 0500	Mud Wt IN / OUT 8.5		Funnel Vis 27	PV	YLD PT	10 S GEL	10 M GEL	Fl. Loss	FILT CK	HTHP FL	HTTP FC	FUEL ADDED TO MUD TODAY CUM. 0.00			AVERAGE		0.00		0.00						
	Mud Type water		% SOLIDS	% LCM	% SAND	% OIL	% H2O	pH 8.5	MF	PF	CALCIUM 96	CHLORIDES 1000	MUD COSTS DAILY CUM. 1500.00		CUMULATIVE		0.00		0.00							
	CENTRIFUGES				SHAKER TYPE NATIONAL					SCREENS 210			CHANGED		WATER SOURCE HYD		CUMULATIVE DAYS		6.0		6.0					
TIME LOG	FROM	TO	HRS	CODE	DETAILS OF OPERATIONS IN SEQUENCE												TIME BREAKDOWN		(Today / Well)							
	700	715	0.25	21	safety meeting												1: RIG UP / DOWN		0.5							
	715	1030	3.25	2	DRILL ACTUAL FROM 495 TO648												2: DRILLING		19.0 76.5							
	1030	1200	1.5	8	GO THREW #2 M.P (WASHED SEAT)												3: REAMING									
	1200	1400	2.0	2	DRILL ACTUAL FROM 648 TO 754												4: CORING									
	1400	1415	0.25	5	CIRC FOR DEVIATION SURVEY @ 750												5: COND. & CIRC		0.5 1.75							
	1415	1500	0.75	10	RUN DEVIATION SURVEY ( 21DEG NW . 3/4 DEG INCL)												6: TRIPS		3.5							
	1500	1515	0.25	21	SAFETY MEETING												7: LUBRICATE RIG									
	1515	1645	1.5	2	DRILL FROM 765 TO 840 GETTING COAL IN SAMPLES												8: REPAIR RIG		1.5 4.25							
	1645	1830	1.75	2	DRILL FROM 840 TO 936												9: C/O DRILL LINE									
	1830	1930	1.0	2	DRILL FROM 936 TO 993												10: DEVIATION		2.25 2.75							
	1930	2145	2.25	2	DRILL 993 TO 1111												11: WIRELINE LOG		2.0							
	2145	2230	0.75	2	DRILL FROM 1111 TO 1151												12: RUN CSG & CMNT		3.75							
	2230	2245	0.25	5	CIRC. FOR DEVIATION SURVEY @ 1150 FT												13: WAIT ON CEMENT		8.5							
	2245	2300	0.25	10	DEVIATION SURVEY												14: NIPPLE UP BOP		17.5							
	2300	2315	0.25	21	SAFTEY MEETING												15: TEST BOP		5.75							
	2315	2330	0.25	10	DEVIATION SURVEY MIS RUN												16: DRILL STEM TEST									
	2330	2345	0.25	2	DRILL FROM 1151 TO 1182												17: PLUGBACK									
	2345	0045	1.0	10	DEVIATION SURVEY 1 DEGREE SW 50												18: SQUEEZE CMNT									
	0045	0700	6.25	2	DRILL FROM 1182 TO 1385 FT												19: FISHING									
																		20: DIR. WORK								
																				0.75 5.25						
																				4.0						
																	OTHER									
																	Total Hours		24.0 136.0							
BITS	BIT#	SIZE	TYPE	MAKE	SERIAL #	NOZZLES	IN @	OUT @	DRILLED	HRS	CUM. HRS	CONDITION	R O P													
	2	12 1/4	0506FHX	HTC	7017590	6X15	377				0.00															
	2	12 1/4	0506FHX	HTC	7017590	6X15	377				0.00															
	2	12 1/4	0506FHX	HTC	7017590	6X15	377				0.00															
PUMPS	Depth	GPM	PRESSURE	Pump 1 Liner SPM	Pump 2 Liner SPM	Pump 3 Liner SPM	Pump 4 Liner SPM	Pump 1	TYPE	STROKE	Manufacturer	HRS	Total HRS	MAX PSI	SPR Kill Rate	KILL (SPM)										
	495 - 765	564	940	6 90	6 90			Pump 2	Q-Z9	9IN	N/A		0.00													
	765 - 984	565	1187	6 90	6 90			Pump 3					0.00													
	1087 - 1151	627	1537	6 100	6 100			Pump 4					0.00													
DRLLSTRG	SIZE	WEIGHT	GRADE	I.D.	TJ O.D.	THREAD	# JNTS	LENGTH	IN HOLE	ON RACK	REPAIRS	DRILL STRING REMARKS														
ENGINES	LOCATION								NO.	DRILLING ASSEMBLY ( BHA )			O.D.	I.D.	LENGTH	DEVIATION SURVEYS										
	Co. No.															DEPTH	INCL	AZM								
	HRS TODAY															750	.75	21 N/W								
	HRS ON WELL															1151										
	HRS LAST CHGE																									
	AVERAGE KVA																									
RIG FUEL	DELIVERED TODAY			BOILER		HOURS	FUEL USED																			
	On Hand	1353.00	TODAY																							
	Used Today	-1353.00	WELL																							
	Used This Well	-1353.00	BOILER #																							
	Fuel Brand		BLOWDOWN VOLUMES																							
	DISTRIBUTOR																									
MUD MTR	SERIAL #	HRS LAST 24	TOTAL HRS	CUM. WELL HRS	FOOTAGE LAST 24	TOTAL FOOTAGE																				
RENTAL ITEMS	DESCRIPTION					DAY RT	STDBY	HLRY										DIRECTIONS TO								
REPORT REMARKS	DRILL TO 1600 FT DROP SURVEY					DEPTH DRILLED																				
	DRILLING FLUID SPEC ON LOCATION					FROM	TO	CODE	RPM	W.O.B.																
						495	765	D	90	7																
	USED 902 GAL OF FUEL					765	984		92	5																
						984	1087		74	8																
						1087	1151		72	15																

PIONEER OILFIELD SERVICES, LLC										MORNING REPORT					DATE 20100930		RIG NO. 15	JOB TYPE	JOB NO.		WELL TYPE	
WELLNAME ADM Verification Well #1										LEGAL DESCRIPTION					SPUD DATE / TIME 09-23-10 12:30				DAYS FR SPUD 7		PROJECTED TD	
OPERATOR ADM (ARCHER DANIEL MIDLAND)										COUNTY / PARISH Macon				STATE IL	JOB START DATE 09-15-10 15:45			DAYS ON JOB 15		EST. RELEASE		
RIG MANAGER W WOOD					RIG PHONE NUMBER 618-943-0053			OPERATORS REPRESENTATIVE PT HUGHESR			CO. MAN PH NO.		RELEASE DATE / TIME			WEATHER CLOUDY/49DEG						
OPERATIONS @ REPORT TIME DRILLING @ 1930 FT										OPERATIONS NEXT 24 HRS DRILLING/ TRIPPING & CORE #1												
SAFETY	ACCIDENTS OR NEAR MISSES: NONE										# OF JSA's 3		RIG SAFETY DAYS 8		SAFETY RATE		G.P.S. COORDINATES N 39.8796 W -88.8934		BOP TEST DATE / PRESSURE 9/27/10/1100/250 PSIG			
	SAFETY MEETING TOPICS DRILLING/ TRIPPING										# STOP CARDS		LAST MEETING DATE 9/24AT700				CROWN-O-MATIC CHECKED YES		BOP DRILL DATE / TIME			
	LAST INSPECTION		INSPECTION BY / TITLE			CREW M / U		EXTRA CREWS / WHY?				OFFICE NOTIFIED		MANHOURS PAST 24 104.00		BOP DRILL DATE / TIME						
OPS	CURRENT DEPTH 1930.00		FOOTAGE LAST 24 779.00		PEN. RATE 44.852		ROT. HRS 15.25		MAX. GAS		BCKGR GAS	CONN. GAS	TRIP GAS	LAST CASING SIZE & SET DEPTH 13 3/8 54.5 PPF 375			RIG COSTS					
	HOOKLOAD 80		PICKUP WEIGHT 80		SLACKOFF 80		ROTATING 80		ROTARY TORQUE			NEXT CASING SIZE & SET DEPTH			DAILY	S & R	RENTAL					
MUD	Time 0230	Mud Wt IN / OUT 9.3		Funnel Vis 58	PV	YLD PT 25	10 S GEL 33	10 M GEL 44	Fl. Loss 14.4	FILT CK	HTHP FL	HTTP FC	FUEL ADDED TO MUD TODAY CUM. 0.00			AVERAGE	0.00	0.00				
	Mud Type water		% SOLIDS 6	% LCM	% SAND	% OIL	% H2O	pH 9.0	MF	PF	CALCIUM 96	CHLORIDES 1000	MUD COSTS DAILY 15376.00 CUM. 16876.00			CUMULATIVE	0.00	0.00				
	CENTRIFUGES				SHAKER TYPE NATIONAL				SCREENS 210			CHANGED		WATER SOURCE HYD		CUMULATIVE DAYS	7.0	7.0				
TIME LOG	FROM	TO	HRS	CODE	DETAILS OF OPERATIONS IN SEQUENCE										TIME BREAKDOWN		(Today / Well)					
	700	715	0.25	21	safety meeting										1: RIG UP / DOWN		0.5					
	715	1000	2.75	2	DRILL ACTUAL FROM 1385 TO 1485										2: DRILLING		15.25	91.75				
	1000	1300	3.0	2	DRILL ACTUAL FROM 1485 TO 1584										3: REAMING							
	1300	1500	2.0	5	MIX PILLS AND PUMP 2 SWEEPS / USE VAC TRUCK TO MOVE FLUID										4: CORING							
	1500	1515	0.25	21	SAFETY MEETING										5: COND. & CIRC		7.5	9.25				
	1515	2045	5.5	5	CONDITION MUD & CIRCULATE MUD UP										6: TRIPS			3.5				
	2045	2230	1.75	2	DRILL FROM 1584 TO 1645										7: LUBRICATE RIG							
	2230	2300	0.5	10	DEVIATION SURVEY 1 DEGREE E 82 @ 1645										8: REPAIR RIG			4.25				
	2300	2315	0.25	21	SAFTEY MEETING										9: C/O DRILL LINE							
	2315	0700	7.75	2	DRILL AHEAD FROM 1645 TO										10: DEVIATION		0.5	3.25				
															11: WIRELINE LOG			2.0				
															12: RUN CSG & CMNT			3.75				
															13: WAIT ON CEMENT			8.5				
															14: NIPPLE UP BOP			17.5				
															15: TEST BOP			5.75				
															16: DRILL STEM TEST							
															17: PLUGBACK							
															18: SQUEEZE CMNT							
															19: FISHING							
															20: DIR. WORK							
															SAFTEY MEETING		0.75	0.75				
																		4.0				
														OTHER			5.25					
														Total Hours		24.0	160.0					
BITS	BIT#	SIZE	TYPE	MAKE	SERIAL #	NOZZLES		IN @	OUT @	DRILLED	HRS	CUM. HRS	CONDITION	R O P								
	2	12 1/4	0506FHX	HTC	7017590	6X15		377				0.00										
	2	12 1/4	0506FHX	HTC	7017590	6X15		377				0.00										
	2	12 1/4	0506FHX	HTC	7017590	6X15		377				0.00										
PUMPS	Depth		GPM	PRESSURE	Pump 1		Pump 2		Pump 3		Pump 4			TYPE	STROKE	Manufacturer	HRS	Total HRS	MAX PSI	SPR Kill Rate	KILL (SPM)	
					Liner	SPM	Liner	SPM	Liner	SPM	Liner	SPM	Pump 1	Q-Z9	9IN	N/A		0.00				
	1385 - 1584			1600	6	100	6	100					Pump 2	Q-Z9	9IN	N/A		0.00				
	1645 - 1835			1636	6	100	6	100					Pump 3					0.00				
				1784	6	95	6	95					Pump 4					0.00				
DRLLSTRG	SIZE	WEIGHT	GRADE	I.D.	TJ O.D.	THREAD	# JNTS	LENGTH	IN HOLE	ON RACK	REPAIRS	DRILL STRING REMARKS										
ENGINES	LOCATION									NO.	DRILLING ASSEMBLY ( BHA )			O.D.	I.D.	LENGTH	DEVIATION SURVEYS					
	Co. No.																DEPTH	INCL	AZM			
	HRS TODAY																1645	1 DG	82 E			
	HRS ON WELL																					
	HRS LAST CHGE																					
RIG FUEL	DELIVERED TODAY				BOILER			HOURS		FUEL USED												
	On Hand		328.00			TODAY																
	Used Today		1025.00			WELL																
	Used This Well		-328.00			BOILER #																
	Fuel Brand					BLOWDOWN VOLUMES																
MUD MTR	SERIAL #	HRS LAST 24	TOTAL HRS	CUM. WELL HRS	FOOTAGE LAST 24	TOTAL FOOTAGE																
RENTAL ITEMS	DESCRIPTION					DAY RT	STDBY	HLRY														
REPORT REMARKS	USED 1025 GAL OF FUEL															DEPTH DRILLED						
																FROM	TO	CODE	RPM	W.O.B.		
	DESILTER DOWN 28TH BACK RUNNING															1385	1584	D	90	15		
	THE 29TH AT1800															1645	1835		80	15		
																1835			80	20		
MUD COST OFF DUE TO PASON																						
ACTUAL CUM = 16876.00 THRU 29 SEP																						

PIONEER OILFIELD SERVICES, LLC										MORNING REPORT					DATE 20101001		RIG NO. 15	JOB TYPE	JOB NO.		WELL TYPE	
WELLNAME ADM Verification Well #1										LEGAL DESCRIPTION					SPUD DATE / TIME 09-23-10 12:30				DAYS FR SPUD 8		PROJECTED TD	
OPERATOR ADM (ARCHER DANIEL MIDLAND)										COUNTY / PARISH Macon				STATE IL	JOB START DATE 09-15-10 15:45			DAYS ON JOB 16		EST. RELEASE		
RIG MANAGER W WOOD					RIG PHONE NUMBER 618-943-0053			OPERATORS REPRESENTATIVE PT HUGHESR			CO. MAN PH NO.		RELEASE DATE / TIME			WEATHER CLOUDY/49DEG						
OPERATIONS @ REPORT TIME COREING										OPERATIONS NEXT 24 HRS TRIPPING & CORE #1												
SAFETY	ACCIDENTS OR NEAR MISSES:										# OF JSA's 3		RIG SAFETY DAYS 9		SAFETY RATE		G.P.S. COORDINATES N 39.8796 W -88.8934		BOP TEST DATE / PRESSURE 9/27/10/1100/250 PSIG			
	SAFETY MEETING TOPICS										# STOP CARDS		LAST MEETING DATE 9/24AT700				CROWN-O-MATIC CHECKED YES		BOP DRILL DATE / TIME			
	LAST INSPECTION		INSPECTION BY / TITLE			CREW M / U		EXTRA CREWS / WHY?				OFFICE NOTIFIED		MANHOURS PAST 24 72.00		BOP DRILL DATE / TIME						
OPS	CURRENT DEPTH 2132		FOOTAGE LAST 24 2132		PEN. RATE 406.095		ROT. HRS 5.25		MAX. GAS		BCKGR GAS		CONN. GAS		TRIP GAS		LAST CASING SIZE & SET DEPTH 13 3/8		RIG COSTS			
	HOOKLOAD 80		PICKUP WEIGHT 80		SLACKOFF 80		ROTATING 80		ROTARY TORQUE		NEXT CASING SIZE & SET DEPTH		DAILY		S & R		RENTAL					
MUD	Time 7	Mud Wt IN / OUT 9.4		Funnel Vis 40	PV	YLD PT 11	10 S GEL	10 M GEL	Fl. Loss	FILT CK	HTHP FL	HTTP FC	FUEL ADDED TO MUD TODAY		CUM. 0.00		AVERAGE		0.00	0.00		
	Mud Type water		% SOLIDS 8	% LCM	% SAND	% OIL	% H2O	pH 9.0	MF	PF	CALCIUM 80	CHLORIDES 2000	MUD COSTS DAILY 14824.50		CUM. 31700.50		CUMULATIVE		0.00	0.00		
	CENTRIFUGES				SHAKER TYPE NATIONAL				SCREENS 210				CHANGED		WATER SOURCE HYD		CUMULATIVE DAYS		8.0	8.0		
TIME LOG	FROM	TO	HRS	CODE	DETAILS OF OPERATIONS IN SEQUENCE										TIME BREAKDOWN		(Today / Well)					
	700	715	0.25	21	safety meeting										1: RIG UP / DOWN		0.5					
	715	945	2.5	8	work on #2 m.p ( washed seat and valve)										2: DRILLING		5.25	97.0				
	945	1500	5.25	2	DRILL FROM 1925 TO2132										3: REAMING							
	1500	1515	0.25	21											4: CORING		2.0	2.0				
	1515	1600	0.75	5	CONDITION MUD & CIRCULATE										5: COND. & CIRC		3.75	13.0				
	1600	1900	3.0	6	SHORT TRIP TO COLLARS										6: TRIPS		5.75	9.25				
	1900	2200	3.0	5	CONDITION MUD & CIRCULATE										7: LUBRICATE RIG							
	2200	2230	0.5	10	DEVIATION SURVEY										8: REPAIR RIG		2.5	6.75				
	2230	2300	0.5	6	START TRIPPING OUT OF HOLE 1DEGREE 10 NORTH										9: C/O DRILL LINE							
	2300	2315	0.25	21	SAFTEY MEETING										10: DEVIATION		0.5	3.75				
	2315	0130	2.25	6	TRIP OUT FOR CORE #1										11: WIRELINE LOG		2.0					
	0130	0330	2.0	4	PICK UP CORE BARREL										12: RUN CSG & CMNT		3.75					
															13: WAIT ON CEMENT		8.5					
															14: NIPPLE UP BOP		17.5					
															15: TEST BOP		5.75					
															16: DRILL STEM TEST							
															17: PLUGBACK							
															18: SQUEEZE CMNT							
															19: FISHING							
															20: DIR. WORK							
															SAFTEY MEETING		0.75	1.5				
																	4.0					
														OTHER			5.25					
														Total Hours		20.5	180.5					
BITS	BIT#	SIZE	TYPE	MAKE	SERIAL #	NOZZLES		IN @	OUT @	DRILLED	HRS	CUM. HRS	CONDITION		R O P							
	2	12 1/4	0506FHX	HTC	7017590	6X15		377				0.00										
	2	12 1/4	0506FHX	HTC	7017590	6X15		377				0.00										
												0.00										
												0.00										
PUMPS	Depth		GPM	PRESSURE	Pump 1		Pump 2		Pump 3		Pump 4			TYPE	STROKE	Manufacturer	HRS	Total HRS	MAX PSI	SPR Kill Rate	KILL (SPM)	
					Liner	SPM	Liner	SPM	Liner	SPM	Liner	SPM	Pump 1	Q-Z9	9IN	N/A		0.00				
	1925 - 2132		597	1743	6	95	6	95					Pump 2	Q-Z9	9IN	N/A		0.00				
	2132 -				6		6						Pump 3					0.00				
													Pump 4					0.00				
DRLLSTRG	SIZE	WEIGHT	GRADE	I.D.	TJ O.D.	THREAD	# JNTS	LENGTH	IN HOLE	ON RACK	REPAIRS	DRILL STRING REMARKS										
ENGINES	LOCATION									NO.	DRILLING ASSEMBLY ( BHA )				O.D.	I.D.	LENGTH	DEVIATION SURVEYS				
	Co. No.									1	BIT						1.00	DEPTH	INCL	AZM		
	HRS TODAY									1	BIT SUB						2.30	2132				
	HRS ON WELL									1	MONEL						30.59					
	HRS LAST CHGE									1	CHANGE OVER						.65					
	AVERAGE KVA									1	KELLY						41.00					
RIG FUEL	DELIVERED TODAY				BOILER			HOURS	FUEL USED													
	On Hand		1640.00			TODAY																
	Used Today		-1312.00			WELL																
	Used This Well		-1640.00			BOILER #																
	Fuel Brand					BLOWDOWN VOLUMES																
	DISTRIBUTOR																					
MUD MTR	SERIAL #	HRS LAST 24	TOTAL HRS	CUM. WELL HRS	FOOTAGE LAST 24	TOTAL FOOTAGE																
RENTAL ITEMS	DESCRIPTION					DAY RT	STDBY	HLRY														
REPORT REMARKS	USED 656 GAL OF FUEL					DEPTH DRILLED																
						FROM	TO	CODE	RPM	W.O.B.												
	CUTTING CORE #1 30 FT					1925	2132	D	90	17												
						2132																



PIONEER OILFIELD SERVICES, LLC										MORNING REPORT					DATE 20101002		RIG NO. 15	JOB TYPE	JOB NO.		WELL TYPE	
WELLNAME ADM Verification Well #1							LEGAL DESCRIPTION							SPUD DATE / TIME 09-23-10 12:30				DAYS FR SPUD 9		PROJECTED TD		
OPERATOR ADM (ARCHER DANIEL MIDLAND)							COUNTY / PARISH Macon					STATE IL	JOB START DATE 09-15-10 15:45			DAYS ON JOB 17		EST. RELEASE				
RIG MANAGER W WOOD				RIG PHONE NUMBER 618-943-0053			OPERATORS REPRESENTATIVE PT HUGHESR				CO. MAN PH NO.		RELEASE DATE / TIME			WEATHER CLOUDY/49DEG						
OPERATIONS @ REPORT TIME drilling										OPERATIONS NEXT 24 HRS drilling												
SAFETY	ACCIDENTS OR NEAR MISSES: none							# OF JSA's 3		RIG SAFETY DAYS 10		SAFETY RATE		G.P.S. COORDINATES N 39.8796 W -88.8934			BOP TEST DATE / PRESSURE 9/27/10/1100/250 PSIG					
	SAFETY MEETING TOPICS making conns& mixing gel/chem							# STOP CARDS		LAST MEETING DATE 9/24AT700				CROWN-O-MATIC CHECKED YES			BOP DRILL DATE / TIME					
	LAST INSPECTION		INSPECTION BY / TITLE			CREW M / U		EXTRA CREWS / WHY?					OFFICE NOTIFIED		MANHOURS PAST 24 104.00		BOP DRILL DATE / TIME					
OPS	CURRENT DEPTH 2238		FOOTAGE LAST 24 106		PEN. RATE 26.5		ROT. HRS 4.0		MAX. GAS		BCKGR GAS		CONN. GAS		TRIP GAS		LAST CASING SIZE & SET DEPTH 13 3/8			RIG COSTS		
	HOOKLOAD 93		PICKUP WEIGHT 93		SLACKOFF 93		ROTATING 93		ROTARY TORQUE				NEXT CASING SIZE & SET DEPTH			DAILY		S & R		RENTAL		
MUD	Time 0530	Mud Wt IN / OUT 9.3		Funnel Vis 49	PV	YLD PT	10 S GEL	10 M GEL	Fl. Loss	FILT CK	HTHP FL	HTTP FC	FUEL ADDED TO MUD TODAY CUM. 0.00			AVERAGE		0.00		0.00		
	Mud Type water		% SOLIDS 8	% LCM	% SAND	% OIL	% H2O	pH 9.0	MF	PF	CALCIUM 80	CHLORIDES 2000	MUD COSTS DAILY -9432.00 CUM. 22268.50			CUMULATIVE		0.00		0.00		
	CENTRIFUGES				SHAKER TYPE NATIONAL				SCREENS 210				CHANGED 2625.00		WATER SOURCE HYD		CUMULATIVE DAYS		9.0		9.0	
TIME LOG	FROM	TO	HRS	CODE	DETAILS OF OPERATIONS IN SEQUENCE												TIME BREAKDOWN		(Today / Well)			
	700	715	0.25	21	SAFETY MEETING												1: RIG UP / DOWN		0.5			
	715	945	2.5	4	CORING												2: DRILLING		4.0 101.0			
	945	1115	1.5	6	TRIP out of hole with core/ 27 ft recovered												3: REAMING		2.25 2.25			
	1115	1330	2.25	4	laydown core barrel/jars and break bit												4: CORING		4.75 6.75			
	1330	1500	1.5	6	TRIP in hole												5: COND. & CIRC		13.0			
	1500	1515	0.25	21	safety meeting												6: TRIPS		4.5 13.75			
	1515	1645	1.5	6	t i h with bit												7: LUBRICATE RIG					
	1645	1900	2.25	3	REAMING												8: REPAIR RIG		6.75			
	1900	2145	2.75	2	DRILL from 2160 to 2221												9: C/O DRILL LINE					
	2145	2300	1.25	2	DRILL from 2221 to 2238												10: DEVIATION		3.75			
			0.0		slight smeel of oil at 2230												11: WIRELINE LOG		2.0			
	2300	2315	0.25	21	SAFTEY MEETING												12: RUN CSG & CMNT		3.75			
	2315		0.0	2	DRILL FROM 2238 TO												13: WAIT ON CEMENT		8.5			
																	14: NIPPLE UP BOP		17.5			
																	15: TEST BOP		5.75			
																	16: DRILL STEM TEST					
																	17: PLUGBACK					
																	18: SQUEEZE CMNT					
																	19: FISHING					
																	20: DIR. WORK					
																			0.75 0.75			
																		4.0				
																OTHER		0.0 6.75				
																Total Hours		16.25 196.75				
BITS	BIT#	SIZE	TYPE	MAKE	SERIAL #	NOZZLES		IN @	OUT @	DRILLED	HRS	CUM. HRS	CONDITION		R O P							
	2	12 1/4	0506FHX	HTC	7017590	6X15		377				0.00										
	2	12 1/4	0506FHX	HTC	7017590	6X15		377				0.00										
	2	12 1/4	0506FHX	HTC	7017590	6X15		377				0.00										
												0.00										
PUMPS	Depth		GPM	PRESSURE	Pump 1		Pump 2		Pump 3		Pump 4			TYPE	STROKE	Manufacturer	HRS	Total HRS	MAX PSI	SPR Kill Rate	KILL (SPM)	
					Liner	SPM	Liner	SPM	Liner	SPM	Liner	SPM	Pump 1	Q-Z9	9IN	N/A		0.00				
	2132 - 2161				6	6							Pump 2	Q-Z9	9IN	N/A		0.00				
	2160 - 2238				6	6							Pump 3					0.00				
				2070	6	100	6	100					Pump 4					0.00				
DRLLSTRG	SIZE	WEIGHT	GRADE	I.D.	TJ O.D.	THREAD	# JNTS	LENGTH	IN HOLE	ON RACK	REPAIRS	DRILL STRING REMARKS										
ENGINES	LOCATION									NO.	DRILLING ASSEMBLY ( BHA )				O.D.	I.D.	LENGTH	DEVIATION SURVEYS				
	Co. No.									1	BIT						1.00	DEPTH	INCL	AZM		
	HRS TODAY									1	BIT SUB						2.30					
	HRS ON WELL									1	MONEL						30.59					
	HRS LAST CHGE									1	CHANGE OVER						.65					
	AVERAGE KVA									1	KELLY						41.00					
RIG FUEL	DELIVERED TODAY				BOILER			HOURS	FUEL USED													
	On Hand		738.00			TODAY																
	Used Today		902.00			WELL																
	Used This Well		-738.00			BOILER #																
	Fuel Brand					BLOWDOWN VOLUMES																
	DISTRIBUTOR																					
MUD MTR	SERIAL #	HRS LAST 24	TOTAL HRS	CUM. WELL HRS	FOOTAGE LAST 24	TOTAL FOOTAGE																
RENTAL ITEMS	DESCRIPTION					DAY RT	STDBY	HLRY														
REPORT REMARKS	used1558 gal of fuel														DEPTH DRILLED							
															FROM	TO	CODE	RPM	W.O.B.			
	mud cost report 6 was incorrect														2132	2161	C					
	corrected on report 7														2160	2238		84	14			
															2238			80	20			
																		80	20			



PIONEER OILFIELD SERVICES, LLC										MORNING REPORT										DATE 20101004		RIG NO. 15		JOB TYPE		JOB NO.		WELL TYPE		
WELLNAME ADM Verification Well #1										LEGAL DESCRIPTION										SPUD DATE / TIME 09-23-10 12:30				DAYS FR SPUD 11		PROJECTED TD				
OPERATOR ADM (ARCHER DANIEL MIDLAND)										COUNTY / PARISH Macon						STATE IL		JOB START DATE 09-15-10 15:45				DAYS ON JOB 19		EST. RELEASE						
RIG MANAGER W WOOD					RIG PHONE NUMBER 618-943-0053					OPERATORS REPRESENTATIVE PT HUGHESR					CO. MAN PH NO.			RELEASE DATE / TIME				WEATHER CLOUDY/49DEG								
OPERATIONS @ REPORT TIME COREING #2 CORE														OPERATIONS NEXT 24 HRS tripping&coreing																
SAFETY	ACCIDENTS OR NEAR MISSES: NONE										# OF JSA's 3		RIG SAFETY DAYS 12		SAFETY RATE		G.P.S. COORDINATES N 39.8796 W -88.8934				BOP TEST DATE / PRESSURE 9/27/10/1100/250 PSIG									
	SAFETY MEETING TOPICS COREING / TRIPPING										# STOP CARDS		LAST MEETING DATE 9/24AT700				CROWN-O-MATIC CHECKED YES				BOP DRILL DATE / TIME									
	LAST INSPECTION		INSPECTION BY / TITLE			CREW M / U			EXTRA CREWS / WHY?					OFFICE NOTIFIED		MANHOURS PAST 24 96.00		BOP DRILL DATE / TIME												
OPS	CURRENT DEPTH 2766		FOOTAGE LAST 24 17		PEN. RATE 0.0		ROT. HRS		MAX. GAS		BCKGR GAS		CONN. GAS		TRIP GAS		LAST CASING SIZE & SET DEPTH 13 3/8				RIG COSTS									
	HOOKLOAD 95		PICKUP WEIGHT 95		SLACKOFF 95		ROTATING 95		ROTARY TORQUE				NEXT CASING SIZE & SET DEPTH				DAILY		S & R		RENTAL									
MUD	Time 0200		Mud Wt IN / OUT 9.3		Funnel Vis 49		PV		YLD PT		10 S GEL		10 M GEL		FI. Loss		FILT CK		HTHP FL		HTTP FC		FUEL ADDED TO MUD TODAY CUM. 0.00		AVERAGE		0.00		0.00	
	Mud Type water		% SOLIDS 8		% LCM		% SAND		% OIL		% H2O		pH 9.0		MF		PF		CALCIUM 80		CHLORIDES 2000		MUD COSTS DAILY 3591.50 CUM. 35915.00		CUMULATIVE		0.00		0.00	
	CENTRIFUGES				SHAKER TYPE NATIONAL				SCREENS 210				CHANGED 2625.00				WATER SOURCE HYD				CUMULATIVE DAYS		11.0		11.0					
TIME LOG	FROM	TO	HRS	CODE	DETAILS OF OPERATIONS IN SEQUENCE																		TIME BREAKDOWN		(Today / Well)					
	700	715	0.25	21	SAFETY MEETING																		1: RIG UP / DOWN		0.5					
	715	815	1.0	6	SHORT TRIP																		2: DRILLING		116.5					
	815	1015	2.0	5	CIRCULATE FOR TRIP																		3: REAMING		2.25					
	1015	1100	0.75	10	DEVIATION SURVEY ( 1 DG N)																		4: CORING		5.5 12.25					
	1100	1400	3.0	6	T.O.O.H FOR CORE																		5: COND. & CIRC		2.0 16.0					
	1400	1500	1.0	4	PICK UP CORE BARREL																		6: TRIPS		7.25 21.25					
	1500	1515	0.25	21	SAFETY MEETING																		7: LUBRICATE RIG							
	1515	1830	3.25	6	T I H W/ CORE BARREL TO 2749 AND CIRC.																		8: REPAIR RIG		8.25					
	1830	2300	4.5	4	CORING TO 2766																		9: C/O DRILL LINE							
	2300	2315	0.25	21	SAFTEY MEETING																		10: DEVIATION		0.75 6.25					
	2315		0.0	4	CORING 2766 TO																		11: WIRELINE LOG		2.0					
																							12: RUN CSG & CMNT		3.75					
																							13: WAIT ON CEMENT		8.5					
																							14: NIPPLE UP BOP		17.5					
																							15: TEST BOP		5.75					
																							16: DRILL STEM TEST							
																							17: PLUGBACK							
																							18: SQUEEZE CMNT							
																							19: FISHING							
																							20: DIR. WORK							
																									0.75 2.25					
																									7.25					
																						OTHER		6.75						
																						Total Hours		16.25 237.0						
BITS	BIT#	SIZE	TYPE	MAKE	SERIAL #	NOZZLES				IN @	OUT @	DRILLED	HRS	CUM. HRS	CONDITION		R O P													
	2	12 1/4	0506FHX	HTC	7017590	6X15				377				0.00																
	2	12 1/4	0506FHX	HTC	7017590	6X15				377				0.00																
														0.00																
PUMPS	Depth		GPM	PRESSURE	Pump 1		Pump 2		Pump 3		Pump 4			TYPE	STROKE	Manufacturer	HRS	Total HRS	MAX PSI	SPR Kill Rate	KILL (SPM)									
					Liner	SPM	Liner	SPM	Liner	SPM	Liner	SPM	Pump 1	Q-Z9	9IN	N/A		0.00												
	2749 - 2766				6		6						Pump 2	Q-Z9	9IN															

PIONEER OILFIELD SERVICES, LLC										MORNING REPORT					DATE 20101005		RIG NO. 15	JOB TYPE	JOB NO.		WELL TYPE	
WELLNAME ADM Verification Well #1						LEGAL DESCRIPTION						SPUD DATE / TIME 09-23-10 12:30				DAYS FR SPUD 12		PROJECTED TD				
OPERATOR ADM (ARCHER DANIEL MIDLAND)						COUNTY / PARISH Macon				STATE IL	JOB START DATE 09-15-10 15:45			DAYS ON JOB 20		EST. RELEASE						
RIG MANAGER W WOOD				RIG PHONE NUMBER 618-943-0053		OPERATORS REPRESENTATIVE PT HUGHESR			CO. MAN PH NO.		RELEASE DATE / TIME			WEATHER CLOUDY/49DEG								
OPERATIONS @ REPORT TIME DRILLING										OPERATIONS NEXT 24 HRS DRILLING/ MIX MUD &CHEM												
SAFETY	ACCIDENTS OR NEAR MISSES: NONE						# OF JSA's 3		RIG SAFETY DAYS 13		SAFETY RATE		G.P.S. COORDINATES N 39.8796 W -88.8934		BOP TEST DATE / PRESSURE 9/27/10/1100/250 PSIG							
	SAFETY MEETING TOPICS MAKEING CONN&MIXING GEL						# STOP CARDS		LAST MEETING DATE 9/24AT700				CROWN-O-MATIC CHECKED YES		BOP DRILL DATE / TIME							
	LAST INSPECTION		INSPECTION BY / TITLE		CREW M / U		EXTRA CREWS / WHY?				OFFICE NOTIFIED		MANHOURS PAST 24 96.00		BOP DRILL DATE / TIME							
OPS	CURRENT DEPTH 2900		FOOTAGE LAST 24 134		PEN. RATE 26.8	ROT. HRS 5.0	MAX. GAS	BCKGR GAS	CONN. GAS	TRIP GAS	LAST CASING SIZE & SET DEPTH 13 3/8			RIG COSTS								
	HOOKLOAD 95		PICKUP WEIGHT 95		SLACKOFF 95		ROTATING 95		ROTARY TORQUE			NEXT CASING SIZE & SET DEPTH			DAILY	S & R	RENTAL					
MUD	Time 0500	Mud Wt IN / OUT 9.3		Funnel Vis 53	PV 18	YLD PT 17	10 S GEL 4	10 M GEL 18	Fl. Loss	FILT CK	HTHP FL	HTTP FC	FUEL ADDED TO MUD TODAY CUM. 0.00		AVERAGE	0.00	0.00					
	Mud Type water		% SOLIDS 8	% LCM	% SAND	% OIL	% H2O	pH 10	MF	PF	CALCIUM 80	CHLORIDES 2000	MUD COSTS DAILY 3330.50 CUM. 39245.50		CUMULATIVE	0.00	0.00					
	CENTRIFUGES				SHAKER TYPE NATIONAL				SCREENS 210			CHANGED 2625.00		WATER SOURCE HYD	CUMULATIVE DAYS	12.0	12.0					
TIME LOG	FROM	TO	HRS	CODE	DETAILS OF OPERATIONS IN SEQUENCE										TIME BREAKDOWN		(Today / Well)					
	700	715	0.25	21	safety meeting										1: RIG UP / DOWN		0.5					
	715	815	1.0	4	CORING #2 CORE										2: DRILLING		5.0	121.5				
	815	1030	2.25	6	TRIP OUT OF HOLE WITH CORE BARRELL										3: REAMING		9.25	11.5				
	1030	1215	1.75	4	LAYDOWN CORE BARRELLAND STAND OUTER BACK										4: CORING		2.75	15.0				
	1215	1500	2.75	6	MAKE UP BIT #3 &TRIP IN HOLE										5: COND. & CIRC			16.0				
	1500	1515	0.25	21	SAFETY MEETING										6: TRIPS		5.25	26.5				
	1515	1530	0.25	6	TRIP IN HOLE										7: LUBRICATE RIG							
	1530	2115	5.75	3	START REAMING AT 2747 TO 2772										8: REPAIR RIG			8.25				
	2115	2215	1.0	22	WORK ON PUMP POP OFF										9: C/O DRILL LINE							
	2215	2300	0.75	3	REAMED TO 2772										10: DEVIATION			6.25				
	2300	2315	0.25	21	SAFTEY MEETING										11: WIRELINE LOG			2.0				
	2315	0200	2.75	3	REAM FROM 2772 TO 2809										12: RUN CSG & CMNT			3.75				
	0200	0700	5.0	2	DRILL FROM 2809 - 2900										13: WAIT ON CEMENT			8.5				
															14: NIPPLE UP BOP			17.5				
															15: TEST BOP			5.75				
															16: DRILL STEM TEST							
															17: PLUGBACK							
															18: SQUEEZE CMNT							
															19: FISHING							
															20: DIR. WORK							
																	0.75	3.0				
																1.0	8.25					
														OTHER			6.75					
														Total Hours		24.0	261.0					
BITS	BIT#	SIZE	TYPE	MAKE	SERIAL #	NOZZLES		IN @	OUT @	DRILLED	HRS	CUM. HRS	CONDITION		R O P							
	2	12 1/4	0506FHX	HTC	7017590	6X15		377	2749	2372.00	62	62.00										
	2	12 1/4	0506FHX	HTC	7017590	6X15		377	2749	2372.00	62	62.00										
	3	12 1/4	HC5092	HTC	7008609	6X13 3X14		2749														
												0.00										
PUMPS	Depth		GPM	PRESSURE	Pump 1		Pump 2		Pump 3		Pump 4			TYPE	STROKE	Manufacturer	HRS	Total HRS	MAX PSI	SPR Kill Rate	KILL (SPM)	
					Liner	SPM	Liner	SPM	Liner	SPM	Liner	SPM	Pump 1	Q-Z9	9IN	N/A		0.00				
	2802 - 2808				6	6							Pump 2	Q-Z9	9IN	N/A		0.00				
	2747 - 2772				6	6							Pump 3					0.00				
	2809 - 2900		574	1774	6	90	6	90					Pump 4					0.00				
DRLLSTRG	SIZE	WEIGHT	GRADE	I.D.	TJ O.D.	THREAD	# JNTS	LENGTH	IN HOLE	ON RACK	REPAIRS	DRILL STRING REMARKS										
ENGINES	LOCATION									NO.	DRILLING ASSEMBLY ( BHA )			O.D.	I.D.	LENGTH	DEVIATION SURVEYS					
	Co. No.																DEPTH	INCL	AZM			
	HRS TODAY																					
	HRS ON WELL																					
	HRS LAST CHGE																					
RIG FUEL	DELIVERED TODAY				BOILER			HOURS	FUEL USED													
	On Hand		779.00			TODAY																
	Used Today		1025.00			WELL																
	Used This Well		-779.00			BOILER #																
	Fuel Brand					BLOWDOWN VOLUMES																
MUD MTR	SERIAL #	HRS LAST 24	TOTAL HRS	CUM. WELL HRS	FOOTAGE LAST 24	TOTAL FOOTAGE																
RENTAL ITEMS	DESCRIPTION					DAY RT	STDBY	HLRY														
REPORT REMARKS	USED 1066 GAL OF FUEL										DEPTH DRILLED											
											FROM	TO	CODE	RPM	W.O.B.							
											2802	2808	C									
											2747	2772	R	80	4							
											2772	2809	R									
											2809	2900	D	80	22							

USPason 3.2.23

PIONEER OILFIELD SERVICES, LLC										MORNING REPORT					DATE 20101006		RIG NO. 15	JOB TYPE	JOB NO.		WELL TYPE	
WELLNAME ADM Verification Well #1						LEGAL DESCRIPTION						SPUD DATE / TIME 09-23-10 12:30				DAYS FR SPUD 13		PROJECTED TD				
OPERATOR ADM (ARCHER DANIEL MIDLAND)						COUNTY / PARISH Macon				STATE IL	JOB START DATE 09-15-10 15:45			DAYS ON JOB 21		EST. RELEASE						
RIG MANAGER W WOOD				RIG PHONE NUMBER 618-943-0053		OPERATORS REPRESENTATIVE PT HUGHESR			CO. MAN PH NO.		RELEASE DATE / TIME			WEATHER CLOUDY/49DEG								
OPERATIONS @ REPORT TIME SURVEY										OPERATIONS NEXT 24 HRS DRILLING/ MIX MUD &CHEM												
SAFETY	ACCIDENTS OR NEAR MISSES: NONE						# OF JSA's 3		RIG SAFETY DAYS 14		SAFETY RATE		G.P.S. COORDINATES N 39.8796 W -88.8934		BOP TEST DATE / PRESSURE 9/27/10/1100/250 PSIG							
	SAFETY MEETING TOPICS STRAIGHT HOLE/MAKEING CONN						# STOP CARDS		LAST MEETING DATE 9/24AT700				CROWN-O-MATIC CHECKED YES		BOP DRILL DATE / TIME							
	LAST INSPECTION		INSPECTION BY / TITLE		CREW M / U		EXTRA CREWS / WHY?				OFFICE NOTIFIED		MANHOURS PAST 24 120.00		BOP DRILL DATE / TIME							
OPS	CURRENT DEPTH 3176		FOOTAGE LAST 24 276		PEN. RATE 23.0	ROT. HRS 12.0	MAX. GAS	BCKGR GAS	CONN. GAS	TRIP GAS	LAST CASING SIZE & SET DEPTH 13 3/8			RIG COSTS								
	HOOKLOAD 95		PICKUP WEIGHT 95		SLACKOFF 95		ROTATING 95		ROTARY TORQUE			NEXT CASING SIZE & SET DEPTH			DAILY	S & R	RENTAL					
MUD	Time 0530	Mud Wt IN / OUT 9.3		Funnel Vis 49	PV	YLD PT	10 S GEL	10 M GEL	Fl. Loss	FILT CK	HTHP FL	HTTP FC	FUEL ADDED TO MUD TODAY CUM. 0.00		AVERAGE	0.00	0.00					
	Mud Type water		% SOLIDS 8	% LCM	% SAND	% OIL	% H2O	pH 10	MF	PF	CALCIUM 80	CHLORIDES 2000	MUD COSTS DAILY 4443.00 CUM. 43688.50		CUMULATIVE	0.00	0.00					
	CENTRIFUGES				SHAKER TYPE NATIONAL				SCREENS 210			CHANGED 2625.00		WATER SOURCE HYD	CUMULATIVE DAYS	13.0	13.0					
TIME LOG	FROM	TO	HRS	CODE	DETAILS OF OPERATIONS IN SEQUENCE										TIME BREAKDOWN		(Today / Well)					
	700	715	0.25	21	safety meeting										1: RIG UP / DOWN		0.5					
	715	745	0.5	2	DRILL ACTUAL FROM 2900 TO 2927										2: DRILLING		12.0	133.5				
	745	1015	2.5	8	REPAIR RIG( CHANGE HEAD IN #1 M.P/ CHECK BOTH M.P FOR AIR LEAKS/FIX CLAMP										3: REAMING		11.5					
	1015	1345	3.5	2	DRILL ACTUAL FROM 2927 TO2999										4: CORING		15.0					
	1345	1500	1.25	8	PUT CLUTCH IN#1 M.P& #2 M.P										5: COND. & CIRC		0.25	16.25				
	1500	1515	0.25	21	SAFETY MEETING										6: TRIPS		3.75	30.25				
	1515	1815	3.0	8	FINISHED PUTTING CLUTCH IN #1 AND #2 PUMPS										7: LUBRICATE RIG							
	1815	2115	3.0	2	DRILL FROM 2999 TO 3064										8: REPAIR RIG		6.75	15.0				
	2115	2300	1.75	2	DRILL FROM 3064 TO 3100										9: C/O DRILL LINE							
	2300	2315	0.25	21	SAFETY MEETING										10: DEVIATION		0.5	6.75				
	2315	2330	0.25	2	DRILL 3100-3113										11: WIRELINE LOG		2.0					
	2330	0130	2.0	6	TRIP OUT FOR BROKEN SCREEN										12: RUN CSG & CMNT		3.75					
	0130	0315	1.75	6	TRIP IN HOLE										13: WAIT ON CEMENT		8.5					
	0315	0330	0.25	5	BREAK CIRCULATION										14: NIPPLE UP BOP		17.5					
	0330	0630	3.0	2	DRILL FROM 3113-										15: TEST BOP		5.75					
	0630	0700	0.5	10	DEVIATION SURVEY @3175										16: DRILL STEM TEST							
															17: PLUGBACK							
															18: SQUEEZE CMNT							
															19: FISHING							
															20: DIR. WORK							
																	0.75	3.75				
																	8.25					
														OTHER			6.75					
														Total Hours		24.0	285.0					
BITS	BIT#	SIZE	TYPE	MAKE	SERIAL #	NOZZLES		IN @	OUT @	DRILLED	HRS	CUM. HRS	CONDITION	R O P								
	3	12 1/4	HC5092	HTC	7008609	6X13 3X14		2749				0.00										
	3	12 1/4	HC5092	HTC	7008609	6X13 3X14		2749				0.00										
	3	12 1/4	HC5092	HTC	7008609	6X13 3X14		2749				0.00										
PUMPS	Depth		GPM	PRESSURE	Pump 1		Pump 2		Pump 3		Pump 4			TYPE	STROKE	Manufacturer	HRS	Total HRS	MAX PSI	SPR Kill Rate	KILL (SPM)	
					Liner	SPM	Liner	SPM	Liner	SPM	Liner	SPM	Pump 1	Q-Z9	9IN	N/A		0.00				
	2900 -		599	1905	6	95	6	95					Pump 2	Q-Z9	9IN	N/A		0.00				
	2999 - 3100				6		6						Pump 3					0.00				
	3100 - 3176				6		6						Pump 4					0.00				
DRLLSTRG	SIZE	WEIGHT	GRADE	I.D.	TJ O.D.	THREAD	# JNTS	LENGTH	IN HOLE	ON RACK	REPAIRS	DRILL STRING REMARKS										
ENGINES	LOCATION									NO.	DRILLING ASSEMBLY ( BHA )				O.D.	I.D.	LENGTH	DEVIATION SURVEYS				
	Co. No.									1	BIT						1.00	DEPTH	INCL	AZM		
	HRS TODAY									1	KELLY						41.00					
	HRS ON WELL									1	MONEL						30.59					
	HRS LAST CHGE									1	BIT SUB						2.30					
	AVERAGE KVA									1	CHANGE OVER						.65					
RIG FUEL	DELIVERED TODAY				BOILER			HOURS	FUEL USED													
	On Hand		1722.00			TODAY																
	Used Today		-943.00			WELL																
	Used This Well		-1722.00			BOILER #																
	Fuel Brand					BLOWDOWN VOLUMES																
	DISTRIBUTOR																					
MUD MTR	SERIAL #	HRS LAST 24	TOTAL HRS	CUM. WELL HRS	FOOTAGE LAST 24	TOTAL FOOTAGE																
RENTAL ITEMS	DESCRIPTION				DAY RT	STDBY	HLRY															
REPORT REMARKS	USED 738GAL OF FUEL								DEPTH DRILLED													
									FROM	TO	CODE	RPM		W.O.B.								
									2900	2999	D	90		26								
									2999	3100	D	97		27								
									3100	3176	D	90		25								

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PIONEER OILFIELD SERVICES, LLC										MORNING REPORT					DATE 20101007		RIG NO. 15	JOB TYPE	JOB NO.		WELL TYPE	
WELLNAME ADM Verification Well #1							LEGAL DESCRIPTION							SPUD DATE / TIME 09-23-10 12:30				DAYS FR SPUD 14		PROJECTED TD		
OPERATOR ADM (ARCHER DANIEL MIDLAND)							COUNTY / PARISH Macon					STATE IL	JOB START DATE 09-15-10 15:45			DAYS ON JOB 22		EST. RELEASE				
RIG MANAGER W WOOD				RIG PHONE NUMBER 618-943-0053			OPERATORS REPRESENTATIVE PT HUGHESR				CO. MAN PH NO.		RELEASE DATE / TIME			WEATHER CLOUDY/49DEG						
OPERATIONS @ REPORT TIME TRIPPING										OPERATIONS NEXT 24 HRS DRILLING/ MIX MUD &CHEM												
SAFETY	ACCIDENTS OR NEAR MISSES: NONE							# OF JSA's 3		RIG SAFETY DAYS 15		SAFETY RATE		G.P.S. COORDINATES N 39.8796 W -88.8934		BOP TEST DATE / PRESSURE 9/27/10/1100/250 PSIG						
	SAFETY MEETING TOPICS DRILLING / MAKING CONN							# STOP CARDS		LAST MEETING DATE 9/24AT700				CROWN-O-MATIC CHECKED YES		BOP DRILL DATE / TIME						
	LAST INSPECTION		INSPECTION BY / TITLE			CREW M / U		EXTRA CREWS / WHY?					OFFICE NOTIFIED		MANHOURS PAST 24 104.00		BOP DRILL DATE / TIME					
OPS	CURRENT DEPTH 3623		FOOTAGE LAST 24 447		PEN. RATE 28.839		ROT. HRS 15.5		MAX. GAS		BCKGR GAS		CONN. GAS		TRIP GAS		LAST CASING SIZE & SET DEPTH 13 3/8		RIG COSTS			
	HOOKLOAD 109		PICKUP WEIGHT 109			SLACKOFF 109		ROTATING 109		ROTARY TORQUE				NEXT CASING SIZE & SET DEPTH				DAILY	S & R	RENTAL		
MUD	Time 7	Mud Wt IN / OUT 9.3		Funnel Vis 53	PV	YLD PT	10 S GEL	10 M GEL	Fl. Loss	FILT CK	HTHP FL	HTTP FC	FUEL ADDED TO MUD TODAY		CUM. 0.00		AVERAGE	0.00	0.00			
	Mud Type water		% SOLIDS 8	% LCM	% SAND	% OIL	% H2O	pH 10	MF	PF	CALCIUM 80	CHLORIDES 2000	MUD COSTS DAILY 3932.50		CUM. 47621.00		CUMULATIVE	0.00	0.00			
	CENTRIFUGES				SHAKER TYPE NATIONAL				SCREENS 210				CHANGED 2625.00		WATER SOURCE HYD		CUMULATIVE DAYS	14.0	14.0			
TIME LOG	FROM	TO	HRS	CODE	DETAILS OF OPERATIONS IN SEQUENCE										TIME BREAKDOWN		(Today / Well)					
	700	715	0.25	21	SAFETY MEETING										1: RIG UP / DOWN			0.5				
	715	730	0.25	10	DEVIATION SURVEY @3175 DEV 3/4 DG N54W										2: DRILLING		15.5	149.0				
	730	1300	5.5	2	DRILL ACTUAL FROM 3176 TO3427										3: REAMING			11.5				
	1300	1500	2.0	2	DRILL ACTUAL from 3427 to3477										4: CORING			15.0				
	1500	1515	0.25	21	safety meeting										5: COND. & CIRC			16.25				
	1515	1845	3.5	2	DRILL from 3477 to 3576										6: TRIPS			30.25				
	1845	2030	1.75	2	DRILL from 3576 to 3613										7: LUBRICATE RIG							
	2030	2115	0.75	8	change head in #1 pump										8: REPAIR RIG		1.0	16.0				
	2115	2230	1.25	2	DRILL ACTUAL										9: C/O DRILL LINE							
	2230	2300	0.5	23	w o p diapham on air clutch										10: DEVIATION		0.25	7.0				
	2300	2315	0.25	21	SAFTEY MEETING										11: WIRELINE LOG			2.0				
	2315	0030	1.25	2	DRILL ACTUAL										12: RUN CSG & CMNT			3.75				
	0030	0045	0.25	8	WORK ON PUMP #2										13: WAIT ON CEMENT			8.5				
	0045	0100	0.25	2	DRILL ACTUAL										14: NIPPLE UP BOP			17.5				
	0100		0.0												15: TEST BOP			5.75				
															16: DRILL STEM TEST							
															17: PLUGBACK							
															18: SQUEEZE CMNT							
															19: FISHING							
															20: DIR. WORK							
																	0.75	4.5				
																		8.25				
																0.5	0.5					
														OTHER		0.0	6.75					
														Total Hours		18.0	303.0					
BITS	BIT#	SIZE	TYPE	MAKE	SERIAL #	NOZZLES		IN @	OUT @	DRILLED	HRS	CUM. HRS	CONDITION	R O P								
	3	12 1/4	HC5092	HTC	7008609	6X13 3X14		2749				0.00										
	3	12 1/4	HC5092	HTC	7008609	6X13 3X14		2749				0.00										
												0.00										
												0.00										
PUMPS	Depth		GPM	PRESSURE	Pump 1		Pump 2		Pump 3		Pump 4			TYPE	STROKE	Manufacturer	HRS	Total HRS	MAX PSI	SPR Kill Rate	KILL (SPM)	
					Liner	SPM	Liner	SPM	Liner	SPM	Liner	SPM	Pump 1	Q-Z9	9IN	N/A		0.00				
	3176 - 3477		614	2125	6	98	6	98					Pump 2	Q-Z9	9IN	N/A		0.00				
	3576 - 3623				6	6							Pump 3					0.00				
	3623 -		626	2300	6	100	6	100					Pump 4					0.00				
DRLLSTRG	SIZE	WEIGHT	GRADE	I.D.	TJ O.D.	THREAD	# JNTS	LENGTH	IN HOLE	ON RACK	REPAIRS	DRILL STRING REMARKS										
ENGINES	LOCATION										NO.	DRILLING ASSEMBLY ( BHA )			O.D.	I.D.	LENGTH	DEVIATION SURVEYS				
	Co. No.										1	BIT					1.00	DEPTH	INCL	AZM		
	HRS TODAY										1	KELLY					41.00	3175	.75	N54W		
	HRS ON WELL										1	MONEL					30.59					
	HRS LAST CHGE										1	BIT SUB					2.30					
	AVERAGE KVA										1	CHANGE OVER					.65					
RIG FUEL	DELIVERED TODAY				BOILER			HOURS	FUEL USED													
	On Hand		492.00			TODAY																
	Used Today		1230.00			WELL																
	Used This Well		-492.00			BOILER #																
	Fuel Brand					BLOWDOWN VOLUMES																
	DISTRIBUTOR																					
MUD MTR	SERIAL #	HRS LAST 24	TOTAL HRS	CUM. WELL HRS	FOOTAGE LAST 24	TOTAL FOOTAGE																
RENTAL ITEMS	DESCRIPTION					DAY RT	STDBY	HLRY														
REPORT REMARKS	USED 1230 GAL OF FUEL					DEPTH DRILLED																
						FROM	TO	CODE	RPM	W.O.B.												
						3176	3477	D	95	28												
						3477	3576	D	93	25												
						3576	3623	D	97	28												
						3623																

USPason 3.2.23

PIONEER OILFIELD SERVICES, LLC										MORNING REPORT					DATE 20101008		RIG NO. 15	JOB TYPE	JOB NO.		WELL TYPE	
WELLNAME ADM Verification Well #1						LEGAL DESCRIPTION						SPUD DATE / TIME 09-23-10 12:30				DAYS FR SPUD 15		PROJECTED TD				
OPERATOR ADM (ARCHER DANIEL MIDLAND)						COUNTY / PARISH Macon				STATE IL	JOB START DATE 09-15-10 15:45			DAYS ON JOB 23		EST. RELEASE						
RIG MANAGER W WOOD				RIG PHONE NUMBER 618-943-0053		OPERATORS REPRESENTATIVE PT HUGHESR			CO. MAN PH NO.		RELEASE DATE / TIME			WEATHER CLOUDY/46DEG								
OPERATIONS @ REPORT TIME DRILLING										OPERATIONS NEXT 24 HRS DRILLING/ MIX MUD &CHEM												
SAFETY	ACCIDENTS OR NEAR MISSES: NONE						# OF JSA's 3		RIG SAFETY DAYS 16		SAFETY RATE		G.P.S. COORDINATES N 39.8796 W -88.8933		BOP TEST DATE / PRESSURE 9/27/10/1100/250 PSIG							
	SAFETY MEETING TOPICS MAKING CONN/AND MIXING MUD						# STOP CARDS		LAST MEETING DATE 9/24AT700				CROWN-O-MATIC CHECKED YES		BOP DRILL DATE / TIME							
	LAST INSPECTION		INSPECTION BY / TITLE		CREW M / U		EXTRA CREWS / WHY?				OFFICE NOTIFIED		MANHOURS PAST 24 104.00		BOP DRILL DATE / TIME							
OPS	CURRENT DEPTH 3894		FOOTAGE LAST 24 271		PEN. RATE 11.656		ROT. HRS 23.25		MAX. GAS		BCKGR GAS	CONN. GAS	TRIP GAS	LAST CASING SIZE & SET DEPTH 13 3/8		RIG COSTS						
	HOOKLOAD 109		PICKUP WEIGHT 109		SLACKOFF 109		ROTATING 109		ROTARY TORQUE				NEXT CASING SIZE & SET DEPTH		DAILY	S & R	RENTAL					
MUD	Time 0500	Mud Wt IN / OUT 48		Funnel Vis 9.5	PV 20	YLD PT 18	10 S GEL 1	10 M GEL 10	Fl. Loss 8	FILT CK	HTHP FL	HTTP FC	FUEL ADDED TO MUD TODAY CUM. 0.00		AVERAGE	0.00	0.00					
	Mud Type water		% SOLIDS 10	% LCM	% SAND	% OIL	% H2O	pH 9.5	MF	PF	CALCIUM 80	CHLORIDES 2400	MUD COSTS DAILY 4769.00 CUM. 52390.00		CUMULATIVE	0.00	0.00					
	CENTRIFUGES				SHAKER TYPE NATIONAL				SCREENS 210				CHANGED 2625.00		WATER SOURCE HYD		CUMULATIVE DAYS	15.0	15.0			
TIME LOG	FROM	TO	HRS	CODE	DETAILS OF OPERATIONS IN SEQUENCE										TIME BREAKDOWN		(Today / Well)					
	700	715	0.25	21	safety meeting										1: RIG UP / DOWN		0.5					
	715	1500	7.75	2	DRILL ACTUAL FROM 3644 TO3740										2: DRILLING		23.25 172.25					
	1500	1515	0.25	21	SAFETY MEETING										3: REAMING		11.5					
	1515	1945	4.5	2	DRILL FROM 3740 TO 3798										4: CORING		15.0					
	1945	2300	3.25	2	DRILL ACTUAL										5: COND. & CIRC		16.25					
	2300	2315	0.25	21	SAFETY MEETING										6: TRIPS		30.25					
	2315	0700	7.75	2	DRILL 3841 - 3994										7: LUBRICATE RIG							
															8: REPAIR RIG		16.0					
															9: C/O DRILL LINE							
															10: DEVIATION		7.0					
															11: WIRELINE LOG		2.0					
															12: RUN CSG & CMNT		3.75					
															13: WAIT ON CEMENT		8.5					
															14: NIPPLE UP BOP		17.5					
															15: TEST BOP		5.75					
															16: DRILL STEM TEST							
															17: PLUGBACK							
															18: SQUEEZE CMNT							
															19: FISHING							
															20: DIR. WORK							
																	0.75 5.25					
																	8.25					
																0.5						
														OTHER		6.75						
														Total Hours		24.0 327.0						
BITS	BIT#	SIZE	TYPE	MAKE	SERIAL #	NOZZLES	IN @	OUT @	DRILLED	HRS	CUM. HRS	CONDITION	R O P									
	4	12.25	506FHX	HTC	7017590	6 X 15	3644															
	4	12.25	506FHX	HTC	7017590	6 X 15	3644															
	4	12.25	506FHX	HTC	7017590	6 X 15	3644															
											0.00											
PUMPS	Depth	GPM	PRESSURE	Pump 1 Liner SPM	Pump 2 Liner SPM	Pump 3 Liner SPM	Pump 4 Liner SPM		TYPE	STROKE	Manufacturer	HRS	Total HRS	MAX PSI	SPR Kill Rate	KILL (SPM)						
	3644 - 3740	603	2150	6 96	6 96				Pump 1 Q-Z9	9IN	N/A		0.00									
	3740 - 3798			6	6				Pump 2 Q-Z9	9IN	N/A		0.00									
									Pump 3				0.00									
	3841 - 3894	597	2115	6 95	6 95				Pump 4				0.00									
DRLLSTRG	SIZE	WEIGHT	GRADE	I.D.	TJ O.D.	THREAD	# JNTS	LENGTH	IN HOLE	ON RACK	REPAIRS	DRILL STRING REMARKS										
ENGINES	LOCATION								NO.	DRILLING ASSEMBLY ( BHA )		O.D.	I.D.	LENGTH	DEVIATION SURVEYS							
	Co. No.								1	BIT				1.00	DEPTH	INCL	AZM					
	HRS TODAY								1	KELLY				41.00								
	HRS ON WELL								1	MONEL				30.59								
	HRS LAST CHGE								1	BIT SUB				2.30								
	AVERAGE KVA								1	CHANGE OVER				.65								
RIG FUEL	DELIVERED TODAY			BOILER		HOURS	FUEL USED															
	On Hand	1148.00	TODAY																			
	Used Today	-656.00	WELL																			
	Used This Well	-1148.00	BOILER #																			
	Fuel Brand		BLOWDOWN VOLUMES																			
MUD MTR	SERIAL #	HRS LAST 24	TOTAL HRS	CUM. WELL HRS	FOOTAGE LAST 24	TOTAL FOOTAGE																
RENTAL ITEMS	DESCRIPTION				DAY RT	STDBY	HLRY															
REPORT REMARKS	USED 1353 GAL OF FUEL								DEPTH DRILLED				FROM	TO	CODE	RPM	W.O.B.					
													3644	3740	D	85	22					
													3740	3798		85	21					
													3798	3841		85	24					
													3841	3894		80	25					

PIONEER OILFIELD SERVICES, LLC										MORNING REPORT					DATE 20101009		RIG NO. 15	JOB TYPE	JOB NO.		WELL TYPE	
WELLNAME ADM Verification Well #1							LEGAL DESCRIPTION							SPUD DATE / TIME 09-23-10 12:30				DAYS FR SPUD 16		PROJECTED TD		
OPERATOR ADM (ARCHER DANIEL MIDLAND)							COUNTY / PARISH Macon					STATE IL	JOB START DATE 09-15-10 15:45			DAYS ON JOB 24		EST. RELEASE				
RIG MANAGER W WOOD				RIG PHONE NUMBER 618-943-0053			OPERATORS REPRESENTATIVE PT HUGHESR				CO. MAN PH NO.		RELEASE DATE / TIME			WEATHER CLOUDY/46DEG						
OPERATIONS @ REPORT TIME DRILLING												OPERATIONS NEXT 24 HRS DRILLING/ MIX MUD &CHEM										
SAFETY	ACCIDENTS OR NEAR MISSES: NONE							# OF JSA's 3		RIG SAFETY DAYS 17		SAFETY RATE		G.P.S. COORDINATES N 39.8796 W -88.8934		BOP TEST DATE / PRESSURE 9/27/10/1100/250 PSIG						
	SAFETY MEETING TOPICS							# STOP CARDS		LAST MEETING DATE 9/24AT700				CROWN-O-MATIC CHECKED YES		BOP DRILL DATE / TIME						
	LAST INSPECTION		INSPECTION BY / TITLE			CREW M / U		EXTRA CREWS / WHY?					OFFICE NOTIFIED		MANHOURS PAST 24 104.00		BOP DRILL DATE / TIME					
OPS	CURRENT DEPTH 4057		FOOTAGE LAST 24 163		PEN. RATE 20.375		ROT. HRS 8.0		MAX. GAS		BCKGR GAS		CONN. GAS		TRIP GAS		LAST CASING SIZE & SET DEPTH 13 3/8		RIG COSTS			
	HOOKLOAD 109		PICKUP WEIGHT 109		SLACKOFF 109		ROTATING 109		ROTARY TORQUE				NEXT CASING SIZE & SET DEPTH		DAILY		S & R		RENTAL			
MUD	Time 600	Mud Wt IN / OUT 9.5		Funnel Vis 45	PV	YLD PT	10 S GEL	10 M GEL	Fl. Loss	FILT CK	HTHP FL	HTTP FC	FUEL ADDED TO MUD TODAY		CUM. 0.00		AVERAGE		0.00	0.00		
	Mud Type water		% SOLIDS 10	% LCM	% SAND	% OIL	% H2O	pH 9.5	MF	PF	CALCIUM 80	CHLORIDES 2400	MUD COSTS DAILY 4721.50		CUM. 57111.50		CUMULATIVE		0.00	0.00		
	CENTRIFUGES				SHAKER TYPE NATIONAL					SCREENS 210			CHANGED 2625.00		WATER SOURCE HYD		CUMULATIVE DAYS		16.0	16.0		
TIME LOG	FROM	TO	HRS	CODE	DETAILS OF OPERATIONS IN SEQUENCE												TIME BREAKDOWN		(Today / Well)			
	700	715	0.25	21	safety meeting												1: RIG UP / DOWN		0.5			
	715	1130	4.25	2	DRILL ACTUAL from3994 to4057												2: DRILLING		8.0 180.25			
	1130	1200	0.5	5	CONDITION MUD & CIRCULATE												3: REAMING		1.25 12.75			
	1200	1500	3.0	6	TO O H FOR BIT& BREAK BIT												4: CORING		15.0			
	1500	1515	0.25	21	SAFETY MEETING												5: COND. & CIRC		0.5 16.75			
	1515	1845	3.5	6	TRIPS IN HOLE W/NEW BIT												6: TRIPS		13.5 43.75			
	1845	2300	4.25	6	TRIPS OUT WITH PLUGGED BIT												7: LUBRICATE RIG					
	2300	2315	0.25	21	SAFETY MEETING												8: REPAIR RIG		16.0			
	2315	0015	1.0	6	TRIP OUT + UNPLUG BOTTOM HOLE COLLAR												9: C/O DRILL LINE					
	0015	0200	1.75	6	TRIP IN WITH BIT#5												10: DEVIATION		7.0			
	0200	0315	1.25	3	BREAK CIRCULATION AND REAM 1 STAND												11: WIRELINE LOG		2.0			
	0315	0700	3.75	2	DRILL FROM 4057 -												12: RUN CSG & CMNT		3.75			
																	13: WAIT ON CEMENT		8.5			
																	14: NIPPLE UP BOP		17.5			
																	15: TEST BOP		5.75			
																	16: DRILL STEM TEST					
																	17: PLUGBACK					
																	18: SQUEEZE CMNT					
																	19: FISHING					
																	20: DIR. WORK					
																			0.75 6.0			
																		8.25				
																		0.5				
																OTHER		6.75				
																Total Hours		24.0 351.0				
BITS	BIT#	SIZE	TYPE	MAKE	SERIAL #	NOZZLES		IN @	OUT @	DRILLED	HRS	CUM. HRS	CONDITION		R O P							
	4	12.25	506FHX	HTC	7017590	6 X 15		3644	4057	413.00	24	24.00										
	5	12 1/4	VG-C44CDX	HTC	5175439	3X18		4057														
												0.00										
												0.00										
PUMPS	Depth		GPM	PRESSURE	Pump 1		Pump 2		Pump 3		Pump 4			TYPE	STROKE	Manufacturer	HRS	Total HRS	MAX PSI	SPR Kill Rate	KILL (SPM)	
					Liner	SPM	Liner	SPM	Liner	SPM	Liner	SPM	Pump 1	Q-Z9	9IN	N/A		0.00				
	3994 - 4057				6	6							Pump 2	Q-Z9	9IN	N/A		0.00				
	4057 -				6	6							Pump 3					0.00				
				1907	6	87	6	87					Pump 4					0.00				
DRLLSTRG	SIZE	WEIGHT	GRADE	I.D.	TJ O.D.	THREAD	# JNTS	LENGTH	IN HOLE	ON RACK	REPAIRS	DRILL STRING REMARKS										
ENGINES	LOCATION									NO.	DRILLING ASSEMBLY ( BHA )				O.D.	I.D.	LENGTH	DEVIATION SURVEYS				
	Co. No.																	DEPTH	INCL	AZM		
	HRS TODAY																					
	HRS ON WELL																					
	HRS LAST CHGE																					
RIG FUEL	AVERAGE KVA																					
	DELIVERED TODAY				BOILER			HOURS	FUEL USED													
	On Hand		1763.00			TODAY																
	Used Today		-615.00			WELL																
	Used This Well		-1763.00			BOILER #																
Fuel Brand				BLOWDOWN VOLUMES																		
MUD MTR	SERIAL #	HRS LAST 24	TOTAL HRS	CUM. WELL HRS	FOOTAGE LAST 24	TOTAL FOOTAGE																
RENTAL ITEMS	DESCRIPTION					DAY RT	STDBY	HLRY														
REPORT REMARKS	USED 820 GAL OF FUEL				0				DEPTH DRILLED													
									FROM	TO	CODE	RPM	W.O.B.									
									3994	4057	D											
									4057			60	45									



PIONEER OILFIELD SERVICES, LLC										MORNING REPORT					DATE 20101010		RIG NO. 15	JOB TYPE	JOB NO.		WELL TYPE	
WELLNAME ADM Verification Well #1										LEGAL DESCRIPTION					SPUD DATE / TIME 09-23-10 12:30				DAYS FR SPUD 17		PROJECTED TD	
OPERATOR ADM (ARCHER DANIEL MIDLAND)										COUNTY / PARISH Macon				STATE IL	JOB START DATE 09-15-10 15:45			DAYS ON JOB 25		EST. RELEASE		
RIG MANAGER W WOOD					RIG PHONE NUMBER 618-943-0053			OPERATORS REPRESENTATIVE PT HUGHESR			CO. MAN PH NO.		RELEASE DATE / TIME			WEATHER CLOUDY/46DEG						
OPERATIONS @ REPORT TIME COREING #3 CORE`										OPERATIONS NEXT 24 HRS COREING / TRIPPING												
SAFETY	ACCIDENTS OR NEAR MISSES: NONE								# OF JSA's 3		RIG SAFETY DAYS 18		SAFETY RATE		G.P.S. COORDINATES N 39.8796 W -88.8934		BOP TEST DATE / PRESSURE 9/27/10/1100/250 PSIG					
	SAFETY MEETING TOPICS COREING& TRIPPING								# STOP CARDS		LAST MEETING DATE 9/24AT700				CROWN-O-MATIC CHECKED YES		BOP DRILL DATE / TIME					
	LAST INSPECTION		INSPECTION BY / TITLE			CREW M / U		EXTRA CREWS / WHY?				OFFICE NOTIFIED		MANHOURS PAST 24 64.00		BOP DRILL DATE / TIME						
OPS	CURRENT DEPTH 4218		FOOTAGE LAST 24 161		PEN. RATE 17.405		ROT. HRS 9.25		MAX. GAS		BCKGR GAS		CONN. GAS		TRIP GAS		LAST CASING SIZE & SET DEPTH 13 3/8		RIG COSTS			
	HOOKLOAD 109		PICKUP WEIGHT 109		SLACKOFF 109		ROTATING 109		ROTARY TORQUE				NEXT CASING SIZE & SET DEPTH		DAILY		S & R		RENTAL			
MUD	Time 230	Mud Wt IN / OUT 9.4		Funnel Vis 50	PV	YLD PT	10 S GEL	10 M GEL	Fl. Loss	FILT CK	HTHP FL	HTTP FC	FUEL ADDED TO MUD TODAY 0.00 CUM. 0.00		AVERAGE		0.00		0.00			
	Mud Type water		% SOLIDS 10	% LCM	% SAND	% OIL	% H2O	pH 9.5	MF	PF	CALCIUM 80	CHLORIDES 2400	MUD COSTS DAILY 4145.50 CUM. 61257.00		CUMULATIVE		0.00		0.00			
	CENTRIFUGES				SHAKER TYPE NATIONAL				SCREENS 210				CHANGED 2625.00		WATER SOURCE HYD		CUMULATIVE DAYS 17.0		17.0			
TIME LOG	FROM	TO	HRS	CODE	DETAILS OF OPERATIONS IN SEQUENCE										TIME BREAKDOWN		(Today / Well)					
	700	715	0.25	21	safety meeting										1: RIG UP / DOWN		0.5					
	715	1215	5.0	2	DRILL ACTUAL FROM 4105 TO 4165										2: DRILLING		9.25 189.5					
	1215	1245	0.5	8	WORK ON PUMP #2										3: REAMING		12.75					
	1245	1500	2.25	2	DRILL ACTUAL FROM 4165 TO4190										4: CORING		15.0					
	1500	1515	0.25	21	SAFETY MEETING										5: COND. & CIRC		3.0 19.75					
	1515	1715	2.0	2	DRILL FROM 4190 TO 4218										6: TRIPS		4.5 48.25					
	1715	1815	1.0	5	CONDITION MUD & CIRCULATE FOR CORE POINT										7: LUBRICATE RIG							
	1815	1915	1.0	6	SHORT TRIP										8: REPAIR RIG		0.5 16.5					
	1915	2115	2.0	5	CONDITION MUD & CIRCULATE										9: C/O DRILL LINE							
	2115	2145	0.5	10	DEVIATION SURVEY										10: DEVIATION		0.5 7.5					
	2145	2300	1.25	6	TRIPS										11: WIRELINE LOG		2.0					
	2300	2315	0.25	21	SAFETY MEETING										12: RUN CSG & CMNT		3.75					
	2315	0130	2.25	6	TRIP OUT AND STRAP FOR CORE #3										13: WAIT ON CEMENT		8.5					
	0130		0.0	4	PICK UP CORE BARREL										14: NIPPLE UP BOP		17.5					
															15: TEST BOP		5.75					
															16: DRILL STEM TEST							
															17: PLUGBACK							
															18: SQUEEZE CMNT							
															19: FISHING							
															20: DIR. WORK							
																	0.75 6.75					
																	8.25					
																0.5						
														OTHER		6.75						
														Total Hours		18.5 369.5						
BITS	BIT#	SIZE	TYPE	MAKE	SERIAL #	NOZZLES	IN @	OUT @	DRILLED	HRS	CUM. HRS	CONDITION	R O P									
	5	12 1/4	VG-C44CDX	HTC	5175439	3X18	4057				0.00											
	5	12 1/4	VG-C44CDX	HTC	5175439	3X18	4057				0.00											
											0.00											
											0.00											
PUMPS	Depth	GPM	PRESSURE	Pump 1 Liner SPM	Pump 2 Liner SPM	Pump 3 Liner SPM	Pump 4 Liner SPM		TYPE	STROKE	Manufacturer	HRS	Total HRS	MAX PSI	SPR Kill Rate	KILL (SPM)						
	4105 - 4190		2025	6 98	6 98				Pump 1 Q-Z9	9IN	N/A		0.00									
	4190 - 4218			6	6				Pump 2 Q-Z9	9IN	N/A		0.00									
									Pump 3				0.00									
									Pump 4				0.00									
DRLLSTRG	SIZE	WEIGHT	GRADE	I.D.	TJ O.D.	THREAD	# JNTS	LENGTH	IN HOLE	ON RACK	REPAIRS	DRILL STRING REMARKS										
ENGINES	LOCATION								NO.	DRILLING ASSEMBLY ( BHA )			O.D.	I.D.	LENGTH	DEVIATION SURVEYS						
	Co. No.								1							DEPTH	INCL	AZM				
	HRS TODAY																					
	HRS ON WELL																					
	HRS LAST CHGE																					
	AVERAGE KVA																					
RIG FUEL	DELIVERED TODAY			BOILER		HOURS	FUEL USED															
	On Hand	2296.00	TODAY																			
	Used Today	-533.00	WELL																			
	Used This Well	-2296.00	BOILER #																			
	Fuel Brand		BLOWDOWN VOLUMES																			
	DISTRIBUTOR																					
MUD MTR	SERIAL #	HRS LAST 24	TOTAL HRS	CUM. WELL HRS	FOOTAGE LAST 24	TOTAL FOOTAGE																
RENTAL ITEMS	DESCRIPTION					DAY RT	STDBY	HLRY														
REPORT REMARKS	USED 533 GAL OF FUEL										DEPTH DRILLED											
											FROM	TO	CODE	RPM	W.O.B.							
	COREING CORE #3										4105	4190	D	55	43							
											4190	4218										

PIONEER OILFIELD SERVICES, LLC										MORNING REPORT					DATE 20101011		RIG NO. 15	JOB TYPE	JOB NO.		WELL TYPE							
WELLNAME ADM Verification Well #1										LEGAL DESCRIPTION					SPUD DATE / TIME 09-23-10 12:30				DAYS FR SPUD 18		PROJECTED TD							
OPERATOR ADM (ARCHER DANIEL MIDLAND)										COUNTY / PARISH Macon				STATE IL	JOB START DATE 09-15-10 15:45			DAYS ON JOB 26		EST. RELEASE								
RIG MANAGER W WOOD					RIG PHONE NUMBER 618-943-0053			OPERATORS REPRESENTATIVE PT HUGHESR			CO. MAN PH NO.		RELEASE DATE / TIME			WEATHER CLOUDY/46DEG												
OPERATIONS @ REPORT TIME TRIPPING OUT OF HOLE WITH #3 CORE`										OPERATIONS NEXT 24 HRS COREING / TRIPPING																		
SAFETY	ACCIDENTS OR NEAR MISSES: NONE								# OF JSA's 3		RIG SAFETY DAYS 19		SAFETY RATE		G.P.S. COORDINATES N 39.8796 W -88.8934		BOP TEST DATE / PRESSURE 9/27/10/1100/250 PSIG											
	SAFETY MEETING TOPICS TRIPPING								# STOP CARDS		LAST MEETING DATE 9/24AT700				CROWN-O-MATIC CHECKED YES		BOP DRILL DATE / TIME											
	LAST INSPECTION		INSPECTION BY / TITLE			CREW M / U		EXTRA CREWS / WHY?				OFFICE NOTIFIED		MANHOURS PAST 24 104.00		BOP DRILL DATE / TIME												
OPS	CURRENT DEPTH 4246		FOOTAGE LAST 24 28		PEN. RATE 0.0		ROT. HRS		MAX. GAS		BCKGR GAS		CONN. GAS		TRIP GAS		LAST CASING SIZE & SET DEPTH 13 3/8		RIG COSTS									
	HOOKLOAD 109		PICKUP WEIGHT 109		SLACKOFF 109		ROTATING 109		ROTARY TORQUE				NEXT CASING SIZE & SET DEPTH		DAILY		S & R		RENTAL									
MUD	Time 500	Mud Wt IN / OUT 9.3		Funnel Vis 50		PV		YLD PT		10 S GEL		10 M GEL		Fl. Loss		FILT CK		HTHP FL		HTTP FC		FUEL ADDED TO MUD TODAY CUM. 0.00		AVERAGE 0.00		0.00		
	Mud Type water		% SOLIDS 10		% LCM		% SAND		% OIL		% H2O		pH 9.5		MF		PF		CALCIUM 80		CHLORIDES 2400		MUD COSTS DAILY 2361.50 CUM. 63618.50		CUMULATIVE 0.00		0.00	
	CENTRIFUGES				SHAKER TYPE NATIONAL				SCREENS 210				CHANGED 2625.00		WATER SOURCE HYD		CUMULATIVE DAYS 18.0		18.0		18.0							
TIME LOG	FROM	TO	HRS	CODE	DETAILS OF OPERATIONS IN SEQUENCE															TIME BREAKDOWN		(Today / Well)						
	700	715	0.25	21	SAFETY MEETING															1: RIG UP / DOWN		0.5						
	715	1415	7.0	4	CORING CORE #3															2: DRILLING		189.5						
	1415	1500	0.75	6	TRIP OUT WITH CORE															3: REAMING		12.75						
	1500	1515	0.25	21	SAFETY MEETING															4: CORING		13.25 28.25						
	1515	2015	5.0	6	TRIP OUT OF HOLE W/ CORE BARREL															5: COND. & CIRC		19.75						
	2015	2300	2.75	6	TRIP IN HOLE W/ NEW CORE BARREL															6: TRIPS		10.0 58.25						
	2300	2315	0.25	21	SAFETY MEETING															7: LUBRICATE RIG								
	2315	0530	6.25	4	CORING # 4 (CHANGE BWS HEAD + OBWS HEAD AND LINER)															8: REPAIR RIG		16.5						
	0530	0700	1.5	6	TRIP OUT WITH CORE															9: C/O DRILL LINE								
	0700		0.0																	10: DEVIATION		7.5						
																				11: WIRELINE LOG		2.0						
																				12: RUN CSG & CMNT		3.75						
																				13: WAIT ON CEMENT		8.5						
																				14: NIPPLE UP BOP		17.5						
																				15: TEST BOP		5.75						
																				16: DRILL STEM TEST								
																				17: PLUGBACK								
																				18: SQUEEZE CMNT								
																				19: FISHING								
																				20: DIR. WORK								
																						0.75 7.5						
																						8.25						
																						0.5						
																			OTHER		0.0 6.75							
																			Total Hours		24.0 393.5							
BITS	BIT#	SIZE	TYPE	MAKE	SERIAL #	NOZZLES			IN @	OUT @	DRILLED	HRS	CUM. HRS	CONDITION	R O P													
	5	12 1/4	VG-C44CDX	HTC	5175439	3X18			4057				0.00															
	5	12 1/4	VG-C44CDX	HTC	5175439	3X18			4057				0.00															
													0.00															
													0.00															
PUMPS	Depth		GPM	PRESSURE	Pump 1		Pump 2		Pump 3		Pump 4			TYPE	STROKE	Manufacturer	HRS	Total HRS	MAX PSI	SPR Kill Rate	KILL (SPM)							
					Liner	SPM	Liner	SPM	Liner	SPM	Liner	SPM	Pump 1	Q-Z9	9IN	N/A		0.00										
	4218 - 4246			625	6	92	6						Pump 2	Q-Z9	9IN	N/A		0.00										
	4246 -				6		6						Pump 3					0.00										
				575	6	91	6						Pump 4					0.00										
DRLLSTRG	SIZE	WEIGHT	GRADE	I.D.	TJ O.D.	THREAD	# JNTS	LENGTH	IN HOLE	ON RACK	REPAIRS	DRILL STRING REMARKS																
ENGINES	LOCATION									NO.	DRILLING ASSEMBLY ( BHA )			O.D.	I.D.	LENGTH	DEVIATION SURVEYS											
	Co. No.																DEPTH	INCL	AZM									
	HRS TODAY																											
	HRS ON WELL																											
	HRS LAST CHGE																											
	AVERAGE KVA																											
RIG FUEL	DELIVERED TODAY				BOILER			HOURS		FUEL USED																		
	On Hand		1763.00			TODAY																						
	Used Today		533.00			WELL																						
	Used This Well		-1763.00			BOILER #																						
	Fuel Brand					BLOWDOWN VOLUMES																						
	DISTRIBUTOR																											
MUD MTR	SERIAL #	HRS LAST 24	TOTAL HRS	CUM. WELL HRS	FOOTAGE LAST 24	TOTAL FOOTAGE																						
RENTAL ITEMS	DESCRIPTION					DAY RT	STDBY	HLRY																				
REPORT REMARKS	USED 533 GAL OF FUEL										DEPTH DRILLED																	
											FROM	TO	CODE	RPM	W.O.B.													
											4218	4246	C	40	11													
											4246		C	40	10													

USPason 3.2.23

PIONEER OILFIELD SERVICES, LLC										MORNING REPORT					DATE 20101012		RIG NO. 15	JOB TYPE	JOB NO.		WELL TYPE	
WELLNAME ADM Verification Well #1						LEGAL DESCRIPTION						SPUD DATE / TIME 09-23-10 12:30				DAYS FR SPUD 19		PROJECTED TD				
OPERATOR ADM (ARCHER DANIEL MIDLAND)						COUNTY / PARISH Macon				STATE IL	JOB START DATE 09-15-10 15:45			DAYS ON JOB 27		EST. RELEASE						
RIG MANAGER W WOOD				RIG PHONE NUMBER 618-943-0053		OPERATORS REPRESENTATIVE PT HUGHESR			CO. MAN PH NO.		RELEASE DATE / TIME			WEATHER CLOUDY/46DEG								
OPERATIONS @ REPORT TIME DRILLING										OPERATIONS NEXT 24 HRS DRILLING												
SAFETY	ACCIDENTS OR NEAR MISSES: NONE						# OF JSA's 3		RIG SAFETY DAYS 20		SAFETY RATE		G.P.S. COORDINATES N 39.8796 W -88.8934		BOP TEST DATE / PRESSURE 9/27/10/1100/250 PSIG							
	SAFETY MEETING TOPICS DRILLING/ SCRUBBING						# STOP CARDS		LAST MEETING DATE 9/24AT700				CROWN-O-MATIC CHECKED YES		BOP DRILL DATE / TIME							
	LAST INSPECTION		INSPECTION BY / TITLE		CREW M / U		EXTRA CREWS / WHY?				OFFICE NOTIFIED		MANHOURS PAST 24 104.00		BOP DRILL DATE / TIME							
OPS	CURRENT DEPTH 4283		FOOTAGE LAST 24 37		PEN. RATE 24.667		ROT. HRS 1.5		MAX. GAS	BCKGR GAS	CONN. GAS	TRIP GAS	LAST CASING SIZE & SET DEPTH 13 3/8		RIG COSTS							
	HOOKLOAD 109		PICKUP WEIGHT 109		SLACKOFF 109		ROTATING 109		ROTARY TORQUE			NEXT CASING SIZE & SET DEPTH		DAILY	S & R	RENTAL						
MUD	Time 530	Mud Wt IN / OUT 9.2		Funnel Vis 51	PV	YLD PT	10 S GEL	10 M GEL	Fl. Loss	FILT CK	HTHP FL	HTTP FC	FUEL ADDED TO MUD TODAY CUM. 0.00		AVERAGE	0.00	0.00					
	Mud Type water		% SOLIDS 10	% LCM	% SAND	% OIL	% H2O	pH 9.5	MF	PF	CALCIUM 80	CHLORIDES 2400	MUD COSTS DAILY 2952.00 CUM. 66570.50		CUMULATIVE	0.00	0.00					
	CENTRIFUGES				SHAKER TYPE NATIONAL				SCREENS 210			CHANGED 2625.00		WATER SOURCE HYD	CUMULATIVE DAYS	19.0	19.0					
TIME LOG	FROM	TO	HRS	CODE	DETAILS OF OPERATIONS IN SEQUENCE										TIME BREAKDOWN		(Today / Well)					
	700	715	0.25	21	SAFETY MEETING										1: RIG UP / DOWN		0.5					
	715	845	1.5	6	TRIP OUT OF HOLE WITH CORE										2: DRILLING	1.5	191.0					
	845	1030	1.75	4	LAY DOWN CORE										3: REAMING	8.5	21.25					
	1030	1315	2.75	6	TRIP IN 2 STANDS /LAY DOWN MONEL AND PICK UP B.H.C										4: CORING	1.75	30.0					
	1315	1500	1.75	6	TRIP IN HOLE WITH COLLARS AND HEAVY WEIGHT										5: COND. & CIRC		19.75					
	1500	1515	0.25	21	SAFETY MEETING										6: TRIPS	7.75	66.0					
	1515	1700	1.75	6	TRIPS										7: LUBRICATE RIG							
	1700	1830	1.5	10	DEVIATION SURVEY										8: REPAIR RIG	2.25	18.75					
	1830	2100	2.5	3	REAMING										9: C/O DRILL LINE							
	2100	2300	2.0	8	REPAIR RIG CHANGING CLUTCH ON NO. 2 PUMP										10: DEVIATION	1.5	9.0					
	2300	2315	0.25	21	SAFETY MEETING										11: WIRELINE LOG		2.0					
	2315	2330	0.25	8	WOMP #2 (CLUTCH)										12: RUN CSG & CMNT		3.75					
	2330	530	6.0	3	REAMING FROM 4223 - 4264										13: WAIT ON CEMENT		8.5					
	530	0700	1.5	2	DRILL 4264- 4283										14: NIPPLE UP BOP		17.5					
																15: TEST BOP		5.75				
																16: DRILL STEM TEST						
																17: PLUGBACK						
																18: SQUEEZE CMNT						
																19: FISHING						
																20: DIR. WORK						
																	0.75	8.25				
																	8.25					
																	0.5					
															OTHER		6.75					
															Total Hours	24.0	417.5					
BITS	BIT#	SIZE	TYPE	MAKE	SERIAL #	NOZZLES	IN @	OUT @	DRILLED	HRS	CUM. HRS	CONDITION	R O P									
	5										0.00											
	5	12 1/4	VGC44CDX	HTC	5175439	3X18	4057				0.00											
											0.00											
											0.00											
PUMPS	Depth	GPM	PRESSURE	Pump 1 Liner SPM	Pump 2 Liner SPM	Pump 3 Liner SPM	Pump 4 Liner SPM		TYPE	STROKE	Manufacturer	HRS	Total HRS	MAX PSI	SPR Kill Rate	KILL (SPM)						
	4218 - 4223			6	6				Pump 1 Q-Z9	9IN	N/A		0.00									
	4223 - 4264			6	6				Pump 2 Q-Z9	9IN	N/A		0.00									
									Pump 3				0.00									
			1956	6	87	6	87		Pump 4				0.00									
DRLLSTRG	SIZE	WEIGHT	GRADE	I.D.	TJ O.D.	THREAD	# JNTS	LENGTH	IN HOLE	ON RACK	REPAIRS	DRILL STRING REMARKS										
ENGINES	LOCATION								NO.	DRILLING ASSEMBLY ( BHA )		O.D.	I.D.	LENGTH	DEVIATION SURVEYS							
	Co. No.														DEPTH	INCL	AZM					
	HRS TODAY																					
	HRS ON WELL																					
	HRS LAST CHGE																					
	AVERAGE KVA																					
RIG FUEL	DELIVERED TODAY			BOILER		HOURS	FUEL USED															
	On Hand	1025.00	TODAY																			
	Used Today	738.00	WELL																			
	Used This Well	-1025.00	BOILER #																			
	Fuel Brand		BLOWDOWN VOLUMES																			
	DISTRIBUTOR																					
MUD MTR	SERIAL #	HRS LAST 24	TOTAL HRS	CUM. WELL HRS	FOOTAGE LAST 24	TOTAL FOOTAGE																
RENTAL ITEMS	DESCRIPTION				DAY RT	STDBY	HRLY															
REPORT REMARKS	USED 738 GAL OF FUEL								DEPTH DRILLED													
									FROM	TO	CODE	RPM	W.O.B.									
									4218	4223	R	53	6									
									4223	4264	R	70	10									
									4264	4283		60	40									

USPason 3.2.23

PIONEER OILFIELD SERVICES, LLC										MORNING REPORT					DATE 20101013		RIG NO. 15	JOB TYPE	JOB NO.		WELL TYPE					
WELLNAME ADM Verification Well #1										LEGAL DESCRIPTION					SPUD DATE / TIME 09-23-10 12:30					DAYS FR SPUD 20		PROJECTED TD				
OPERATOR ADM (ARCHER DANIEL MIDLAND)										COUNTY / PARISH Macon					STATE IL	JOB START DATE 09-15-10 15:45					DAYS ON JOB 28		EST. RELEASE			
RIG MANAGER W WOOD					RIG PHONE NUMBER 618-943-0053					OPERATORS REPRESENTATIVE PT HUGHESR					CO. MAN PH NO.		RELEASE DATE / TIME					WEATHER CLOUDY/46DEG				
OPERATIONS @ REPORT TIME CIRCULATEING															OPERATIONS NEXT 24 HRS TRIPPING / COREING											
SAFETY	ACCIDENTS OR NEAR MISSES: NONE										# OF JSA's 3		RIG SAFETY DAYS 21		SAFETY RATE		G.P.S. COORDINATES N 39.8796 W -88.8934			BOP TEST DATE / PRESSURE 9/27/10/1100/250 PSIG						
	SAFETY MEETING TOPICS TRIPPING/ COREING										# STOP CARDS		LAST MEETING DATE 9/24AT700					CROWN-O-MATIC CHECKED YES			BOP DRILL DATE / TIME					
	LAST INSPECTION		INSPECTION BY / TITLE				CREW M / U		EXTRA CREWS / WHY?					OFFICE NOTIFIED		MANHOURS PAST 24 104.00			BOP DRILL DATE / TIME							
OPS	CURRENT DEPTH 4513		FOOTAGE LAST 24 230		PEN. RATE 13.731		ROT. HRS 16.75		MAX. GAS		BCKGR GAS		CONN. GAS		TRIP GAS		LAST CASING SIZE & SET DEPTH 13 3/8			RIG COSTS						
	HOOKLOAD 109		PICKUP WEIGHT 109		SLACKOFF 109		ROTATING 109		ROTARY TORQUE					NEXT CASING SIZE & SET DEPTH			DAILY		S & R		RENTAL					
MUD	Time 600	Mud Wt IN / OUT 9.3		Funnel Vis 54		PV 14	YLD PT 6	10 S GEL 1	10 M GEL 5	Fl. Loss	FILT CK	HTHP FL		HTTP FC		FUEL ADDED TO MUD TODAY CUM. 0.00			AVERAGE		0.00 0.00					
	Mud Type water		% SOLIDS 10		% LCM	% SAND	% OIL	% H2O 93	pH 9.0	MF	PF	CALCIUM 80		CHLORIDES 3400		MUD COSTS DAILY 6014.00 CUM. 72584.50			CUMULATIVE		0.00 0.00					
	CENTRIFUGES					SHAKER TYPE NATIONAL					SCREENS 210					CHANGED 2625.00		WATER SOURCE HYD		CUMULATIVE DAYS		20.0 20.0				
TIME LOG	FROM	TO	HRS	CODE	DETAILS OF OPERATIONS IN SEQUENCE												TIME BREAKDOWN		(Today / Well)							
	700	715	0.25	21	safety meeting												1: RIG UP / DOWN		0.5							
	715	830	1.25	2	DRILL ACTUAL FROM 4283 TO 4302												2: DRILLING		16.75 207.75							
	830	915	0.75	8	FIX AIR ON #1 M.P												3: REAMING		21.25							
	915	1345	4.5	2	DRILL ACTUALFROM 4302 TO4354												4: CORING		30.0							
	1345	1415	0.5	8	CHANGE HEAD #2 M.P												5: COND. & CIRC		4.25 24.0							
	1415	1500	0.75	2	DRILL ACTUALFROM4354TO4357												6: TRIPS		1.0 67.0							
	1500	1515	0.25	21	SAFETY MEETING												7: LUBRICATE RIG									
	1515	2200	6.75	2	DRILL FROM 4357 TO 4460												8: REPAIR RIG		1.25 20.0							
	2200	2300	1.0	6	LOSS OF FLUID PULLED 4 STANDS												9: C/O DRILL LINE									
			0.0	6	TRIPS												10: DEVIATION		9.0							
	2300	2315	0.25	21	SAFETY MEETING												11: WIRELINE LOG		2.0							
	2315	0130	2.25	5	CONDITION MUD & CIRCULATE LOST CIRCULATION 236 BBL												12: RUN CSG & CMNT		3.75							
	0130	0500	3.5	2	DRILL FROM 4460-4513 ., WITH FULL RETURNS												13: WAIT ON CEMENT		8.5							
	0500	0700	2.0	5	CONDITION MUD & CIRCULATE FOR CORE #5 AT 4513 FT												14: NIPPLE UP BOP		17.5							
																	15: TEST BOP		5.75							
																	16: DRILL STEM TEST									
																	17: PLUGBACK									
																	18: SQUEEZE CMNT									
																	19: FISHING									
																	20: DIR. WORK									
																			0.75 9.0							
																			8.25							
																			0.5							
																OTHER		6.75								
																Total Hours		24.0 441.5								
BITS	BIT#	SIZE	TYPE	MAKE	SERIAL #	NOZZLES		IN @	OUT @	DRILLED	HRS	CUM. HRS	CONDITION	R O P												
	5	12 1/4	VGC44CDX	HTC	5175439	3X18		4057				0.00														
	5	12 1/4	VGC44CDX	HTC	5175439	3X18		4057				0.00														
	5	12 1/4	VGC44CDX	HTC	5175439	3X18		4057				0.00														
												0.00														
PUMPS	Depth		GPM	PRESSURE	Pump 1		Pump 2		Pump 3		Pump 4			TYPE	STROKE	Manufacturer	HRS	Total HRS	MAX PSI	SPR Kill Rate	KILL (SPM)					
					Liner	SPM	Liner	SPM	Liner	SPM	Liner	SPM	Pump 1	Q-Z9	9IN	N/A		0.00								
	4283 - 4357			2130	6	90	6	90					Pump 2	Q-Z9	9IN	N/A		0.00								
	4357 -				6		6						Pump 3					0.00								
	4460 - 4513				6		6						Pump 4					0.00								
DRLLSTRG	SIZE	WEIGHT	GRADE	I.D.	TJ O.D.	THREAD	# JNTS	LENGTH	IN HOLE	ON RACK	REPAIRS	DRILL STRING REMARKS														
ENGINES	LOCATION									NO.	DRILLING ASSEMBLY ( BHA )					O.D.	I.D.	LENGTH	DEVIATION SURVEYS							
	Co. No.									1									DEPTH	INCL	AZM					
	HRS TODAY																									
	HRS ON WELL																									
	HRS LAST CHGE																									
	AVERAGE KVA																									
RIG FUEL	DELIVERED TODAY				BOILER			HOURS	FUEL USED																	
	On Hand		1886.00			TODAY																				
	Used Today		-861.00			WELL																				
	Used This Well		-1886.00			BOILER #																				
	Fuel Brand					BLOWDOWN VOLUMES																				
	DISTRIBUTOR																									
MUD MTR	SERIAL #	HRS LAST 24	TOTAL HRS	CUM. WELL HRS	FOOTAGE LAST 24	TOTAL FOOTAGE																				
RENTAL ITEMS	DESCRIPTION					DAY RT	STDBY	HLRY																		
	REPORT REMARKS	USED 902 GAL OF FUEL															DEPTH DRILLED									
															FROM	TO	CODE	RPM	W.O.B.							
TRIPPING OUT FOR CORE #5															4283	4357	D	100	33							
															4357		D	104	33							
															4460	4513										

PIONEER OILFIELD SERVICES, LLC										MORNING REPORT					DATE 20101014		RIG NO. 15	JOB TYPE	JOB NO.		WELL TYPE	
WELLNAME ADM Verification Well #1							LEGAL DESCRIPTION							SPUD DATE / TIME 09-23-10 12:30				DAYS FR SPUD 21		PROJECTED TD		
OPERATOR ADM (ARCHER DANIEL MIDLAND)							COUNTY / PARISH Macon					STATE IL	JOB START DATE 09-15-10 15:45			DAYS ON JOB 29		EST. RELEASE				
RIG MANAGER W WOOD				RIG PHONE NUMBER 618-943-0053			OPERATORS REPRESENTATIVE PT HUGHESR				CO. MAN PH NO.		RELEASE DATE / TIME			WEATHER CLOUDY/46DEG						
OPERATIONS @ REPORT TIME COREING										OPERATIONS NEXT 24 HRS TRIPPING / COREING												
SAFETY	ACCIDENTS OR NEAR MISSES: NONE							# OF JSA's 3		RIG SAFETY DAYS 22		SAFETY RATE		G.P.S. COORDINATES N 39.8796 W -88.8934		BOP TEST DATE / PRESSURE 9/27/10/1100/250 PSIG						
	SAFETY MEETING TOPICS COREING/ TRIPPING							# STOP CARDS		LAST MEETING DATE 9/24AT700				CROWN-O-MATIC CHECKED YES		BOP DRILL DATE / TIME						
	LAST INSPECTION		INSPECTION BY / TITLE			CREW M / U		EXTRA CREWS / WHY?					OFFICE NOTIFIED		MANHOURS PAST 24 104.00		BOP DRILL DATE / TIME					
OPS	CURRENT DEPTH 4524		FOOTAGE LAST 24 11		PEN. RATE 0.0		ROT. HRS		MAX. GAS		BCKGR GAS		CONN. GAS		TRIP GAS		LAST CASING SIZE & SET DEPTH 13 3/8 350		RIG COSTS			
	HOOKLOAD 109		PICKUP WEIGHT 109		SLACKOFF 109		ROTATING 109		ROTARY TORQUE				NEXT CASING SIZE & SET DEPTH		DAILY		S & R		RENTAL			
MUD	Time 0500	Mud Wt IN / OUT 9.4		Funnel Vis 64	PV 28	YLD PT 20	10 S GEL 3	10 M GEL 11	Fl. Loss 6.4	FILT CK	HTHP FL		HTTP FC	FUEL ADDED TO MUD TODAY CUM. 0.00		AVERAGE		0.00 0.00				
	Mud Type water		% SOLIDS 10	% LCM	% SAND	% OIL	% H2O 93	pH 10.5	MF	PF	CALCIUM 80	CHLORIDES 3400	MUD COSTS DAILY 3705.00 CUM. 76289.50		CUMULATIVE		0.00 0.00					
	CENTRIFUGES				SHAKER TYPE NATIONAL				SCREENS 210				CHANGED 2625.00		WATER SOURCE HYD		CUMULATIVE DAYS 21.0		21.0			
TIME LOG	FROM	TO	HRS	CODE	DETAILS OF OPERATIONS IN SEQUENCE										TIME BREAKDOWN		(Today / Well)					
	700	715	0.25	21	safety meeting										1: RIG UP / DOWN		0.5					
	715	830	1.25	5	CONDITION MUD & CIRCULATE										2: DRILLING		207.75					
	830	1245	4.25	6	TRIP OUT OF HOLE FOR CORE										3: REAMING		21.25					
	1245	1345	1.0	4	PICK UP CORE BARRELL										4: CORING		13.25 43.25					
	1345	1500	1.25	6	TRIP IN HOLE WITH CORE BARRELL										5: COND. & CIRC		2.25 26.25					
	1500	1515	0.25	21	SAFE5TY MEETING										6: TRIPS		7.75 74.75					
	1515	1730	2.25	6	TRIP IN HOLE W/ CORE BARREL TO 4513										7: LUBRICATE RIG							
	1730	1830	1.0	5	CONDITION MUD & CIRCULATE / CHECK AIR ON PUMPS 30 MIN										8: REPAIR RIG		20.0					
	1830	2300	4.5	4	CORED FROM 4513 TO 4524										9: C/O DRILL LINE							
	2300	2315	0.25	21	SAFETY MEETING										10: DEVIATION		9.0					
	2315	0130	2.25	4	CORING #5										11: WIRELINE LOG		2.0					
	0130	230	1.0	4	CORING LOST 16 BBL @4529 FT										12: RUN CSG & CMNT		3.75					
	230	0300	0.5	4	CORING LOST 18 BBL @ 0300HRS 4532FT										13: WAIT ON CEMENT		8.5					
	0300	0700	4.0	4	CORING										14: NIPPLE UP BOP		17.5					
																15: TEST BOP		5.75				
																16: DRILL STEM TEST						
																17: PLUGBACK						
																18: SQUEEZE CMNT						
																19: FISHING						
																20: DIR. WORK						
																		0.75 9.75				
																	8.25					
																	0.5					
															OTHER		6.75					
															Total Hours		24.0 465.5					
BITS	BIT#	SIZE	TYPE	MAKE	SERIAL #	NOZZLES	IN @	OUT @	DRILLED	HRS	CUM. HRS	CONDITION	R O P									
	5	12 1/4	VGC44CDX	HTC	5175439	3X18	4057				0.00											
	5	12 1/4	VGC44CDX	HTC	5175439	3X18	4057				0.00											
											0.00											
PUMPS	Depth	GPM	PRESSURE	Pump 1 Liner SPM	Pump 2 Liner SPM	Pump 3 Liner SPM	Pump 4 Liner SPM	Pump 1 Q-Z9	TYPE Q-Z9	STROKE 9IN	Manufacturer N/A	HRS	Total HRS	MAX PSI	SPR Kill Rate	KILL (SPM)						
	4513 - 4524			6	6			Pump 2	Q-Z9	9IN	N/A		0.00									
	4524 -			6	6			Pump 3					0.00									
		256	539	6	81	6		Pump 4					0.00									
DRLLSTRG	SIZE	WEIGHT	GRADE	I.D.	TJ O.D.	THREAD	# JNTS	LENGTH	IN HOLE	ON RACK	REPAIRS	DRILL STRING REMARKS										
ENGINES	LOCATION								NO.	DRILLING ASSEMBLY ( BHA )			O.D.	I.D.	LENGTH	DEVIATION SURVEYS						
	Co. No.								1							DEPTH	INCL	AZM				
	HRS TODAY																					
	HRS ON WELL																					
	HRS LAST CHGE																					
RIG FUEL	DELIVERED TODAY			BOILER		HOURS	FUEL USED															
	On Hand	1312.00	TODAY																			
	Used Today	574.00	WELL																			
	Used This Well	-1312.00	BOILER #																			
	Fuel Brand		BLOWDOWN VOLUMES																			
MUD MTR	SERIAL #	HRS LAST 24	TOTAL HRS	CUM. WELL HRS	FOOTAGE LAST 24	TOTAL FOOTAGE																
RENTAL ITEMS	DESCRIPTION					DAY RT	STDBY	HLRY														
REPORT REMARKS	USED 574 GAL OF FUEL					DEPTH DRILLED																
						FROM	TO	CODE	RPM	W.O.B.												
	COREING #5 CORE					4513	4524	C	43	9												
						4524				12												

PIONEER OILFIELD SERVICES, LLC										MORNING REPORT					DATE 20101015		RIG NO. 15	JOB TYPE	JOB NO.		WELL TYPE	
WELLNAME ADM Verification Well #1								LEGAL DESCRIPTION						SPUD DATE / TIME 09-23-10 12:30				DAYS FR SPUD 22		PROJECTED TD		
OPERATOR ADM (ARCHER DANIEL MIDLAND)								COUNTY / PARISH Macon				STATE IL	JOB START DATE 09-15-10 15:45			DAYS ON JOB 30		EST. RELEASE				
RIG MANAGER W WOOD				RIG PHONE NUMBER 618-943-0053		OPERATORS REPRESENTATIVE PT HUGHESR			CO. MAN PH NO.		RELEASE DATE / TIME			WEATHER CLOUDY/46DEG								
OPERATIONS @ REPORT TIME TRIPPING										OPERATIONS NEXT 24 HRS TRIPPING / COREING												
SAFETY	ACCIDENTS OR NEAR MISSES: NONE								# OF JSA's 3		RIG SAFETY DAYS 23		SAFETY RATE		G.P.S. COORDINATES N 39.8796 W -88.8934		BOP TEST DATE / PRESSURE 9/27/10/1100/250 PSIG					
	SAFETY MEETING TOPICS TRIPPING								# STOP CARDS		LAST MEETING DATE 9/24AT700				CROWN-O-MATIC CHECKED YES		BOP DRILL DATE / TIME					
	LAST INSPECTION		INSPECTION BY / TITLE			CREW M / U		EXTRA CREWS / WHY?				OFFICE NOTIFIED		MANHOURS PAST 24 104.00		BOP DRILL DATE / TIME						
OPS	CURRENT DEPTH 4540		FOOTAGE LAST 24 16		PEN. RATE 0.0		ROT. HRS		MAX. GAS		BCKGR GAS		CONN. GAS		TRIP GAS		LAST CASING SIZE & SET DEPTH 13 3/8 350		RIG COSTS			
	HOOKLOAD 109		PICKUP WEIGHT 109		SLACKOFF 109		ROTATING 109		ROTARY TORQUE				NEXT CASING SIZE & SET DEPTH		DAILY		S & R		RENTAL			
MUD	Time 0200	Mud Wt IN / OUT 9.4		Funnel Vis 70	PV 21	YLD PT 15	10 S GEL 3	10 M GEL 13	Fl. Loss 7.2	FILT CK 1/32	HTHP FL		HTTP FC		FUEL ADDED TO MUD TODAY CUM. 0.00		AVERAGE		0.00	0.00		
	Mud Type water		% SOLIDS 10	% LCM	% SAND	% OIL	% H2O 93	pH 10.5	MF	PF	CALCIUM 80		CHLORIDES 3400		MUD COSTS DAILY 3531.50 CUM. 79821.00		CUMULATIVE		0.00	0.00		
	CENTRIFUGES				SHAKER TYPE NATIONAL				SCREENS 210				CHANGED 2625.00		WATER SOURCE HYD		CUMULATIVE DAYS		22.0	22.0		
TIME LOG	FROM	TO	HRS	CODE	DETAILS OF OPERATIONS IN SEQUENCE										TIME BREAKDOWN		(Today / Well)					
	700	715	0.25	21	SAFETY MEETING										1: RIG UP / DOWN		0.5					
	715	1100	3.75	4	CORING										2: DRILLING		207.75					
	1100	1415	3.25	6	TRIP OUT OF HOLE WITH CORE										3: REAMING		4.0 25.25					
	1415	1500	0.75	4	LAY DOWN CORE #5										4: CORING		6.25 49.5					
	1500	1515	0.25	21	SAFETY MEETING										5: COND. & CIRC		3.25 29.5					
	1515	1700	1.75	4	LAY DOWN CORE BARREL										6: TRIPS		9.75 84.5					
	1700	1915	2.25	6	TRIP IN HOLE W/ 12 3/4 BIT TO 3425										7: LUBRICATE RIG							
	1915	2000	0.75	5	CIRC. BOTTOMS UP										8: REPAIR RIG		20.0					
	2000	2030	0.5	6	TRIP IN W/ BIT										9: C/O DRILL LINE							
	2030	2300	2.5	3	REAM TO 4526										10: DEVIATION		9.0					
	2300	2315	0.25	21	SAFETY MEETING										11: WIRELINE LOG		2.0					
	2315	0045	1.5	3	REAMING 4526-4542										12: RUN CSG & CMNT		3.75					
	0045	0315	2.5	5	CONDITION MUD & CIRCULATE FOR CORE # 6 LOST 20BBL MIX LCM										13: WAIT ON CEMENT		8.5					
	0315	0700	3.75	6	TRIP OUT FOR CORE #6										14: NIPPLE UP BOP		17.5					
															15: TEST BOP		5.75					
															16: DRILL STEM TEST							
															17: PLUGBACK							
															18: SQUEEZE CMNT							
															19: FISHING							
														20: DIR. WORK								
																0.75 10.5						
																8.25						
																0.5						
														OTHER		6.75						
														Total Hours		24.0 489.5						
BITS	BIT#	SIZE	TYPE	MAKE	SERIAL #	NOZZLES		IN @	OUT @	DRILLED	HRS	CUM. HRS	CONDITION	R O P								
	5	12 1/4	V6C44CDX	HTC	5175431	3	18	4057				0.00										
	5	12 1/4	V6C44CDX	HTC	5175431	3	18	4057				0.00										
												0.00										
PUMPS	Depth		GPM	PRESSURE	Pump 1		Pump 2		Pump 3		Pump 4			TYPE	STROKE	Manufacturer	HRS	Total HRS	MAX PSI	SPR Kill Rate	KILL (SPM)	
					Liner	SPM	Liner	SPM	Liner	SPM	Liner	SPM	Pump 1	Q-Z9	9IN	N/A		0.00				
	4538 - 4544			650	6	91	6						Pump 2	Q-Z9	9IN	N/A		0.00				
	4513 - 4526				6		6						Pump 3					0.00				
	4526 - 4540				6		6						Pump 4					0.00				
DRLLSTRG	SIZE	WEIGHT	GRADE	I.D.	TJ O.D.	THREAD	# JNTS	LENGTH	IN HOLE	ON RACK	REPAIRS	DRILL STRING REMARKS										
ENGINES	LOCATION									NO.	DRILLING ASSEMBLY ( BHA )				O.D.	I.D.	LENGTH	DEVIATION SURVEYS				
	Co. No.									1								DEPTH	INCL	AZM		
	HRS TODAY																					
	HRS ON WELL																					
	HRS LAST CHGE																					
RIG FUEL	DELIVERED TODAY				BOILER			HOURS		FUEL USED												
	On Hand		2542.00			TODAY																
	Used Today		-1230.00			WELL																
	Used This Well		-2542.00			BOILER #																
	Fuel Brand					BLOWDOWN VOLUMES																
MUD MTR	SERIAL #	HRS LAST 24	TOTAL HRS	CUM. WELL HRS	FOOTAGE LAST 24	TOTAL FOOTAGE																
RENTAL ITEMS	DESCRIPTION					DAY RT	STDBY	HLRY														
REPORT REMARKS						DEPTH DRILLED																
						FROM	TO	CODE	RPM		W.O.B.											
						4538	4544	C	40		15											
						4513	4526	R	61		6											
						4526	4540	R														

PIONEER OILFIELD SERVICES, LLC										MORNING REPORT					DATE 20101016		RIG NO. 15	JOB TYPE	JOB NO.		WELL TYPE						
WELLNAME ADM Verification Well #1										LEGAL DESCRIPTION					SPUD DATE / TIME 09-23-10 12:30				DAYS FR SPUD 23		PROJECTED TD						
OPERATOR ADM (ARCHER DANIEL MIDLAND)										COUNTY / PARISH Macon				STATE IL	JOB START DATE 09-15-10 15:45			DAYS ON JOB 31		EST. RELEASE							
RIG MANAGER W WOOD					RIG PHONE NUMBER 618-943-0053			OPERATORS REPRESENTATIVE PT HUGHESR			CO. MAN PH NO.		RELEASE DATE / TIME			WEATHER CLOUDY/46DEG											
OPERATIONS @ REPORT TIME W.O.C										OPERATIONS NEXT 24 HRS tripping																	
SAFETY	ACCIDENTS OR NEAR MISSES: none										# OF JSA's 3		RIG SAFETY DAYS 24		SAFETY RATE		G.P.S. COORDINATES N 39.8796 W -88.8934		BOP TEST DATE / PRESSURE 9/27/10/1100/250 PSIG								
	SAFETY MEETING TOPICS tripping										# STOP CARDS		LAST MEETING DATE 9/24AT700				CROWN-O-MATIC CHECKED YES		BOP DRILL DATE / TIME								
	LAST INSPECTION		INSPECTION BY / TITLE			CREW M / U		EXTRA CREWS / WHY?				OFFICE NOTIFIED		MANHOURS PAST 24 104.00		BOP DRILL DATE / TIME											
OPS	CURRENT DEPTH 4558		FOOTAGE LAST 24 18		PEN. RATE 0.0		ROT. HRS		MAX. GAS		BCKGR GAS		CONN. GAS		TRIP GAS		LAST CASING SIZE & SET DEPTH 13 3/8 350		RIG COSTS								
	HOOKLOAD 109		PICKUP WEIGHT 109		SLACKOFF 109		ROTATING 109		ROTARY TORQUE				NEXT CASING SIZE & SET DEPTH				DAILY	S & R	RENTAL								
MUD	Time	Mud Wt IN / OUT		Funnel Vis		PV		YLD PT		10 S GEL		10 M GEL		Fl. Loss		FILT CK		HTHP FL		HTTP FC		FUEL ADDED TO MUD TODAY CUM. 0.00		AVERAGE	0.00	0.00	
	Mud Type water		% SOLIDS 10		% LCM		% SAND		% OIL		% H2O 93		pH 10.5		MF		PF		CALCIUM 80		CHLORIDES 3400		MUD COSTS DAILY 5196.50 CUM. 85017.50		CUMULATIVE	0.00	0.00
	CENTRIFUGES				SHAKER TYPE NATIONAL				SCREENS 210				CHANGED 2625.00		WATER SOURCE HYD		CUMULATIVE DAYS	23.0	23.0								
TIME LOG	FROM	TO	HRS	CODE	DETAILS OF OPERATIONS IN SEQUENCE																	TIME BREAKDOWN		(Today / Well)			
	700	715	0.25	21	safety meeting																	1: RIG UP / DOWN		0.5			
	715	815	1.0	8	RIG SERVICE																	2: DRILLING		207.75			
	815	1130	3.25	6	PICK UP CORE BARRELL AND TRIP IN HOLE																	3: REAMING		25.25			
	1130	1145	0.25	5	KELLY UP AND BREAK CIRC																	4: CORING		5.0 54.5			
	1145	1500	3.25	4	CORE #6 ( LOST TOTAL CIRCULATION AT4553)																	5: COND. & CIRC		2.25 31.75			
	1500	1515	0.25	21	SAFETY MEETING																	6: TRIPS		11.5 96.0			
	1515	1600	0.75	5	CONDITION MUD & CIRCULATE																	7: LUBRICATE RIG					
	1600	1945	3.75	6	T. O H																	8: REPAIR RIG		1.0 21.0			
	1945	2130	1.75	4	LAY DOWN CORE BARREL																	9: C/O DRILL LINE					
	2130	2145	0.25	10	DEVIATION SURVEY																	10: DEVIATION		0.25 9.25			
	2145	2230	0.75	6	T I H W/ 4 STANDS AND PUMP 600 STROKES . NO RETURNS																	11: WIRELINE LOG		2.0			
	2230	2300	0.5	6	PICK UP PIPE																	12: RUN CSG & CMNT		1.25 5.0			
	2300	2315	0.25	21	SAFETY MEETING																	13: WAIT ON CEMENT		2.0 10.5			
	2315	0215	3.0	6	TRIP IN + PICK UP 19 JOINTS																	14: NIPPLE UP BOP		17.5			
	0215	0330	1.25	5	PUMP DOWN LCM PILL																	15: TEST BOP		5.75			
	0330	0445	1.25	12	HOOK UP CEMENTERS AND CEMENT 170 SKS																	16: DRILL STEM TEST					
	0445	0500	0.25	6	TRIP OUT 10 STANDS (MUD ON PIPE ONE STAND AND TWO JOINTS OUT)																	17: PLUGBACK					
	0500	0700	2.0	13	CIRCULATE 10 BBL+ WAIT ON CEMENT																	18: SQUEEZE CMNT					
	0700		0.0																			19: FISHING					
																						20: DIR. WORK					
																								0.75 11.25			
																							8.25				
																							0.5				
																					OTHER		0.0 6.75				
																					Total Hours		24.0 513.5				
BITS	BIT#	SIZE	TYPE	MAKE	SERIAL #	NOZZLES		IN @	OUT @	DRILLED	HRS	CUM. HRS	CONDITION		R O P												
	5	12 1/4	V6C44CDX	HTC	5175431	3 18		4057	4542	485.00		0.00															
												0.00															
												0.00															
												0.00															
PUMPS	Depth		GPM	PRESSURE	Pump 1 Liner SPM		Pump 2 Liner SPM		Pump 3 Liner SPM		Pump 4 Liner SPM			TYPE	STROKE	Manufacturer	HRS	Total HRS	MAX PSI	SPR Kill Rate	KILL (SPM)						
	4544 - 4558				6 6								Pump 1	Q-Z9	9IN	N/A		0.00									
													Pump 2	Q-Z9	9IN	N/A		0.00									
													Pump 3					0.00									
													Pump 4					0.00									
DRLLSTRG	SIZE	WEIGHT	GRADE	I.D.	TJ O.D.	THREAD	# JNTS	LENGTH	IN HOLE	ON RACK	REPAIRS	DRILL STRING REMARKS															
ENGINES	LOCATION									NO.	DRILLING ASSEMBLY ( BHA )				O.D.	I.D.	LENGTH	DEVIATION SURVEYS									
	Co. No.									1								DEPTH	INCL	AZM							
	HRS TODAY																										
	HRS ON WELL																										
	HRS LAST CHGE																										
	AVERAGE KVA																										
RIG FUEL	DELIVERED TODAY				BOILER			HOURS		FUEL USED																	
	On Hand		2132.00			TODAY																					
	Used Today		410.00			WELL																					
	Used This Well		-2132.00			BOILER #																					
	Fuel Brand					BLOWDOWN VOLUMES																					
	DISTRIBUTOR																										
MUD MTR	SERIAL #	HRS LAST 24	TOTAL HRS	CUM. WELL HRS	FOOTAGE LAST 24	TOTAL FOOTAGE																					
RENTAL ITEMS	DESCRIPTION					DAY RT	STDBY	HLRY																			
REPORT REMARKS	used 410 gal of fuel										DEPTH DRILLED																
											FROM	TO	CODE	RPM	W.O.B.												
											4544	4558	C														





PIONEER OILFIELD SERVICES, LLC										MORNING REPORT					DATE 20101018		RIG NO. 15	JOB TYPE	JOB NO.		WELL TYPE		
WELLNAME ADM Verification Well #1										LEGAL DESCRIPTION					SPUD DATE / TIME 09-23-10 12:30				DAYS FR SPUD 25		PROJECTED TD		
OPERATOR ADM (ARCHER DANIEL MIDLAND)										COUNTY / PARISH Macon				STATE IL	JOB START DATE 09-15-10 15:45			DAYS ON JOB 33		EST. RELEASE			
RIG MANAGER W WOOD					RIG PHONE NUMBER 618-943-0053			OPERATORS REPRESENTATIVE PT HUGHESR			CO. MAN PH NO.		RELEASE DATE / TIME			WEATHER CLOUDY/46DEG							
OPERATIONS @ REPORT TIME tripping										OPERATIONS NEXT 24 HRS drilling/tripping													
SAFETY	ACCIDENTS OR NEAR MISSES: none										# OF JSA's 3		RIG SAFETY DAYS 26		SAFETY RATE		G.P.S. COORDINATES N 39.8796 W -88.8934		BOP TEST DATE / PRESSURE 10/16/10/1100/250 PSIG				
	SAFETY MEETING TOPICS tripping										# STOP CARDS		LAST MEETING DATE 9/24AT700				CROWN-O-MATIC CHECKED YES		BOP DRILL DATE / TIME				
	LAST INSPECTION		INSPECTION BY / TITLE			CREW M / U		EXTRA CREWS / WHY?				OFFICE NOTIFIED		MANHOURS PAST 24 72.00		BOP DRILL DATE / TIME							
OPS	CURRENT DEPTH		FOOTAGE LAST 24		PEN. RATE		ROT. HRS		MAX. GAS		BCKGR GAS		CONN. GAS		TRIP GAS		LAST CASING SIZE & SET DEPTH 13 3/8 350		RIG COSTS				
			0		0.0																		
MUD	HOOKLOAD 109		PICKUP WEIGHT 109			SLACKOFF 109			ROTATING 109			ROTARY TORQUE			NEXT CASING SIZE & SET DEPTH		DAILY		S & R		RENTAL		
	Time		Mud Wt IN / OUT		Funnel Vis		PV		YLD PT		10 S GEL		10 M GEL		Fl. Loss		FILT CK		HTHP FL		HTTP FC		
MUD	Mud Type water		% SOLIDS 10		% LCM		% SAND		% OIL		% H2O 93		pH 10.5		MF		PF		CALCIUM 80		CHLORIDES 3400		
TIME LOG	CENTRIFUGES				SHAKER TYPE NATIONAL				SCREENS 210				CHANGED 2625.00		WATER SOURCE HYD		CUMULATIVE DAYS 25.0		25.0		25.0		
TIME LOG	FROM	TO	HRS	CODE	DETAILS OF OPERATIONS IN SEQUENCE															TIME BREAKDOWN		(Today / Well)	
	700	715	0.25	21	SAFETY MEETING															1: RIG UP / DOWN		0.5	
	715	845	1.5	6	TRIP IN HOLE TO FIND PLUG															2: DRILLING		207.75	
	845	1045	2.0	5	CONDITION MUD & CIRCULATE															3: REAMING		5.0 30.25	
	1045	1315	2.5	6	T.O.O.H															4: CORING		54.5	
	1315	1415	1.0	22	PICK UP 1 STAND AND TRY TO BREAK BIT															5: COND. & CIRC		2.0 37.75	
	1415	1500	0.75	6	T.I.H 3 STANDS															6: TRIPS		9.0 107.75	
	1500	1515	0.25	21	SAFETY MEETING															7: LUBRICATE RIG			
	1515	1630	1.25	6	LAY DOWN BHC															8: REPAIR RIG		1.25 22.25	
	1630	1930	3.0	6	TRIPS IN HOLE W/ NEW BIT TO 4344 CIRC															9: C/O DRILL LINE			
	1930	2045	1.25	8	CHANGE CLUTCH ON PUMP 2															10: DEVIATION		9.25	
	2045	2300	2.25	3	REAMING TO 4451															11: WIRELINE LOG		2.0	
	2300	2315	0.25	21	SAFETY MEETING															12: RUN CSG & CMNT		5.0	
	2315	0200	2.75	3	DRILL CEMENT															13: WAIT ON CEMENT		25.0	
	0200		0.0	3	REAMING															14: NIPPLE UP BOP		17.5	
																				15: TEST BOP		5.75	
																				16: DRILL STEM TEST			
																				17: PLUGBACK			
																				18: SQUEEZE CMNT		1.25	
																				19: FISHING			
																				20: DIR. WORK			
																						0.75 12.75	
																						1.0 10.0	
																						0.5	
																			OTHER		6.75		
																			Total Hours		19.0 556.5		
BITS	BIT#	SIZE	TYPE	MAKE	SERIAL #	NOZZLES	IN @	OUT @	DRILLED	HRS	CUM. HRS	CONDITION	R O P										
											0.00												
											0.00												
											0.00												
PUMPS	Depth	GPM	PRESSURE	Pump 1 Liner SPM	Pump 2 Liner SPM	Pump 3 Liner SPM	Pump 4 Liner SPM	Pump 1 Q-Z9	TYPE Q-Z9	STROKE 9IN	Manufacturer N/A	HRS	Total HRS	MAX PSI	SPR Kill Rate	KILL (SPM)							
								Pump 2 Q-Z9		9IN	N/A		0.00										
								Pump 3					0.00										
								Pump 4					0.00										
DRLLSTRG	SIZE	WEIGHT	GRADE	I.D.	TJ O.D.	THREAD	# JNTS	LENGTH	IN HOLE	ON RACK	REPAIRS	DRILL STRING REMARKS											
ENGINES	LOCATION								NO.	DRILLING ASSEMBLY ( BHA )			O.D.	I.D.	LENGTH	DEVIATION SURVEYS							
	Co. No.															DEPTH	INCL	AZM					
	HRS TODAY																						
	HRS ON WELL																						
	HRS LAST CHGE																						
	AVERAGE KVA																						
RIG FUEL	DELIVERED TODAY																						
	On Hand	2337.00	BOILER	TODAY																			
	Used Today	-492.00		WELL																			
	Used This Well	-2337.00		BOILER #																			
	Fuel Brand			BLOWDOWN VOLUMES																			
	DISTRIBUTOR																						
MUD MTR	SERIAL #	HRS LAST 24	TOTAL HRS	CUM. WELL HRS	FOOTAGE LAST 24	TOTAL FOOTAGE																	
RENTAL ITEMS	DESCRIPTION					DAY RT	STDBY	HLRY															
REPORT REMARKS	used 574 gal of fuel										DEPTH DRILLED												
											FROM	TO	CODE	RPM	W.O.B.								

PIONEER OILFIELD SERVICES, LLC										MORNING REPORT					DATE 20101019		RIG NO. 15	JOB TYPE	JOB NO.		WELL TYPE						
WELLNAME ADM Verification Well #1										LEGAL DESCRIPTION					SPUD DATE / TIME 09-23-10 12:30				DAYS FR SPUD 26		PROJECTED TD						
OPERATOR ADM (ARCHER DANIEL MIDLAND)										COUNTY / PARISH Macon				STATE IL	JOB START DATE 09-15-10 15:45			DAYS ON JOB 34		EST. RELEASE							
RIG MANAGER W WOOD					RIG PHONE NUMBER 618-943-0053			OPERATORS REPRESENTATIVE PT HUGHESR			CO. MAN PH NO.		RELEASE DATE / TIME			WEATHER CLOUDY/45DEG											
OPERATIONS @ REPORT TIME CIRCULATEING										OPERATIONS NEXT 24 HRS tripping/DRILLING																	
SAFETY	ACCIDENTS OR NEAR MISSES: NONE										# OF JSA's 3		RIG SAFETY DAYS 27		SAFETY RATE		G.P.S. COORDINATES N 39.8796 W -88.8934		BOP TEST DATE / PRESSURE 10/16/10/1100/250 PSIG								
	SAFETY MEETING TOPICS TRIPPING /MIXING MUD &CHEM										# STOP CARDS		LAST MEETING DATE 9/24AT700				CROWN-O-MATIC CHECKED YES		BOP DRILL DATE / TIME								
	LAST INSPECTION		INSPECTION BY / TITLE			CREW M / U		EXTRA CREWS / WHY?				OFFICE NOTIFIED		MANHOURS PAST 24 104.00		BOP DRILL DATE / TIME											
OPS	CURRENT DEPTH		FOOTAGE LAST 24		PEN. RATE		ROT. HRS		MAX. GAS		BCKGR GAS		CONN. GAS		TRIP GAS		LAST CASING SIZE & SET DEPTH 13 3/8 350		RIG COSTS								
	HOOKLOAD 109		PICKUP WEIGHT 109		SLACKOFF 109		ROTATING 109		ROTARY TORQUE				NEXT CASING SIZE & SET DEPTH				DAILY	S & R	RENTAL								
MUD	Time	Mud Wt IN / OUT		Funnel Vis		PV		YLD PT		10 S GEL		10 M GEL		Fl. Loss		FILT CK		HTHP FL		HTTP FC		FUEL ADDED TO MUD TODAY CUM. 0.00		AVERAGE	0.00	0.00	
	Mud Type water		% SOLIDS 10		% LCM		% SAND		% OIL		% H2O 93		pH 10.5		MF		PF		CALCIUM 80		CHLORIDES 3400		MUD COSTS DAILY 8587.50 CUM. 102588.00		CUMULATIVE	0.00	0.00
	CENTRIFUGES				SHAKER TYPE NATIONAL				SCREENS 210				CHANGED 2625.00		WATER SOURCE HYD		CUMULATIVE DAYS 26.0		26.0	26.0							
TIME LOG	FROM	TO	HRS	CODE	DETAILS OF OPERATIONS IN SEQUENCE																	TIME BREAKDOWN		(Today / Well)			
	700	715	0.25	21	safety meeting																	1: RIG UP / DOWN			0.5		
	715	745	0.5	2	DRILL 10 FEET																	2: DRILLING		0.5	208.25		
	745	1100	3.25	6	TRIP OUT OF HOLE																	3: REAMING			30.25		
	1100	1300	2.0	6	TRIP IN HOLE TO SET PLUG																	4: CORING			54.5		
	1300	1330	0.5	22	WAIT ON CEMENTERS																	5: COND. & CIRC		5.0	42.75		
	1330	1430	1.0	6	TRIP IN 5 STANDS & 6 SINGLES TAG /LAY DOWN 2 JTS																	6: TRIPS		8.0	115.75		
	1430	1500	0.5	12	RIG UP CEMENTERS																	7: LUBRICATE RIG					
	1500	1515	0.25	21	SAFETY MEETING																	8: REPAIR RIG			22.25		
	1515	1530	0.25	18	PUMP 100 BBLs. WTR. @ 4526																	9: C/O DRILL LINE					
	1530	1630	1.0	17	SET CEMENT PLUG 250 SKS @ 4431																	10: DEVIATION			9.25		
	1630	1645	0.25	6	PULLED 12 STANDS																	11: WIRELINE LOG			2.0		
	1645	1800	1.25	17	SET ON CEMENT CHANGE LINER IN NO. 1 PUMP AND NEW HEAD																	12: RUN CSG & CMNT		0.5	5.5		
	1800	2100	3.0	23	CLEANED PITS																	13: WAIT ON CEMENT		3.25	28.25		
	2100	2300	2.0	5	FILLING PITS AND MIXING MUD																	14: NIPPLE UP BOP			17.5		
	2300	2315	0.25	21	SAFETY MEETING																	15: TEST BOP			5.75		
	2315	0230	3.25	13	WAIT ON CEMENT MIX MUD																	16: DRILL STEM TEST					
	0230	0300	0.5	6	T.I.H 6 STANDS BREAK CIRCULATION 30 BBL TO SURFACE																	17: PLUGBACK		2.25	2.25		
	0300	0500	2.0	5	CIRCULATE																	18: SQUEEZE CMNT		0.25	1.5		
	0500	0600	1.0	6	T.I.H TAG BOTTOM @ 4435																	19: FISHING					
	0600	0700	1.0	5	CONDITION MUD & CIRCULATE																	20: DIR. WORK					
																					OTHER			6.75			
																					Total Hours		24.0	580.5			
BITS	BIT#	SIZE	TYPE	MAKE	SERIAL #	NOZZLES	IN @	OUT @	DRILLED	HRS	CUM. HRS	CONDITION	R O P														
											0.00																
											0.00																
											0.00																
PUMPS	Depth	GPM	PRESSURE	Pump 1 Liner SPM	Pump 2 Liner SPM	Pump 3 Liner SPM	Pump 4 Liner SPM	Pump 1 Q-Z9	TYPE Q-Z9	STROKE 9IN	Manufacturer N/A	HRS	Total HRS	MAX PSI	SPR Kill Rate	KILL (SPM)											
								Pump 2 Q-Z9		9IN	N/A		0.00														
								Pump 3					0.00														
								Pump 4					0.00														
DRLLSTRG	SIZE	WEIGHT	GRADE	I.D.	TJ O.D.	THREAD	# JNTS	LENGTH	IN HOLE	ON RACK	REPAIRS	DRILL STRING REMARKS															
ENGINES	LOCATION								NO.	DRILLING ASSEMBLY ( BHA )			O.D.	I.D.	LENGTH	DEVIATION SURVEYS											
	Co. No.															DEPTH	INCL	AZM									
	HRS TODAY																										
	HRS ON WELL																										
	HRS LAST CHGE																										
	AVERAGE KVA																										
RIG FUEL	DELIVERED TODAY		BOILER		HOURS	FUEL USED																					
	On Hand	1927.00		TODAY																							
	Used Today	410.00		WELL																							
	Used This Well	-1927.00		BOILER #																							
	Fuel Brand			BLOWDOWN VOLUMES																							
	DISTRIBUTOR																										
MUD MTR	SERIAL #	HRS LAST 24	TOTAL HRS	CUM. WELL HRS	FOOTAGE LAST 24	TOTAL FOOTAGE																					
RENTAL ITEMS	DESCRIPTION					DAY RT	STDBY	HLRY																			
REPORT REMARKS	USED 410 GAL OF FUEL															DEPTH DRILLED											
																FROM	TO	CODE	RPM	W.O.B.							

PIONEER OILFIELD SERVICES, LLC										MORNING REPORT					DATE 20101020		RIG NO. 15	JOB TYPE	JOB NO.		WELL TYPE	
WELLNAME ADM Verification Well #1						LEGAL DESCRIPTION						SPUD DATE / TIME 09-23-10 12:30				DAYS FR SPUD 27		PROJECTED TD				
OPERATOR ADM (ARCHER DANIEL MIDLAND)						COUNTY / PARISH Macon				STATE IL	JOB START DATE 09-15-10 15:45			DAYS ON JOB 35		EST. RELEASE						
RIG MANAGER W WOOD			RIG PHONE NUMBER 618-943-0053			OPERATORS REPRESENTATIVE PT HUGHESR			CO. MAN PH NO.		RELEASE DATE / TIME			WEATHER CLOUDY/45DEG								
OPERATIONS @ REPORT TIME drilling										OPERATIONS NEXT 24 HRS DRILLING												
SAFETY	ACCIDENTS OR NEAR MISSES: none						# OF JSA's 3		RIG SAFETY DAYS 28		SAFETY RATE		G.P.S. COORDINATES N 39.8796 W -88.8934		BOP TEST DATE / PRESSURE 10/16/10/1100/250 PSIG							
	SAFETY MEETING TOPICS making conn						# STOP CARDS		LAST MEETING DATE 9/24AT700				CROWN-O-MATIC CHECKED YES		BOP DRILL DATE / TIME							
	LAST INSPECTION		INSPECTION BY / TITLE		CREW M / U		EXTRA CREWS / WHY?				OFFICE NOTIFIED		MANHOURS PAST 24 104.00		BOP DRILL DATE / TIME							
OPS	CURRENT DEPTH 4676		FOOTAGE LAST 24 124.00		PEN. RATE 292.25		ROT. HRS 16.0		MAX. GAS		BCKGR GAS		CONN. GAS		TRIP GAS		LAST CASING SIZE & SET DEPTH 13 3/8 350		RIG COSTS			
	HOOKLOAD 109		PICKUP WEIGHT 109		SLACKOFF 109		ROTATING 109		ROTARY TORQUE				NEXT CASING SIZE & SET DEPTH		DAILY		S & R		RENTAL			
MUD	Time 0200	Mud Wt IN / OUT 9.0	Funnel Vis 56	PV	YLD PT	10 S GEL	10 M GEL	Fl. Loss	FILT CK	HTHP FL	HTTP FC	FUEL ADDED TO MUD TODAY CUM. 0.00		AVERAGE		0.00		0.00				
	Mud Type water		% SOLIDS 10	% LCM	% SAND	% OIL	% H2O 93	pH 10.5	MF	PF	CALCIUM 80	CHLORIDES 3400	MUD COSTS DAILY 11545.50 CUM. 114133.50		CUMULATIVE		0.00		0.00			
	CENTRIFUGES				SHAKER TYPE NATIONAL				SCREENS 210				CHANGED 2625.00		WATER SOURCE HYD		CUMULATIVE DAYS 27.0		27.0			
TIME LOG	FROM	TO	HRS	CODE	DETAILS OF OPERATIONS IN SEQUENCE										TIME BREAKDOWN		(Today / Well)					
	700	715	0.25	21	safety meeting										1: RIG UP / DOWN		0.5					
	715	745	0.5	5	CONDITION MUD & CIRCULATE										2: DRILLING		16.0 224.25					
	745	930	1.75	6	lay down 2 singles & t.o.o.h										3: REAMING		30.25					
	930	945	0.25	8	rig service										4: CORING		54.5					
	945	1215	2.5	6	trip in hoile with bit #6										5: COND. & CIRC		0.5 43.25					
	1215	1245	0.5	8	fix air line on #2 d.w motor										6: TRIPS		6.0 121.75					
	1245	1430	1.75	6	finish trip/kelly up /break circ/tag cement										7: LUBRICATE RIG							
	1430	1500	0.5	2	drill plug										8: REPAIR RIG		0.75 23.0					
	1500	1515	0.25	21	safety meeting										9: C/O DRILL LINE							
	1515	1530	0.25	2	DRILL plug										10: DEVIATION		9.25					
	1530	2145	6.25	2	DRILL cement to 4568										11: WIRELINE LOG		2.0					
	2145	2300	1.25	2	DRILL from 4568 to										12: RUN CSG & CMNT		5.5					
	2300	2315	0.25	21	SAFETY MEETING										13: WAIT ON CEMENT		28.25					
	2315	0700	7.75	2	DRILL FROM 4577- 4676										14: NIPPLE UP BOP		17.5					
	0700		0.0												15: TEST BOP		5.75					
															16: DRILL STEM TEST							
															17: PLUGBACK		2.25					
															18: SQUEEZE CMNT		1.5					
															19: FISHING							
															20: DIR. WORK							
																	0.75 14.25					
																	10.5					
																	3.5					
														OTHER		0.0 6.75						
														Total Hours		24.0 604.5						
BITS	BIT#	SIZE	TYPE	MAKE	SERIAL #	NOZZLES		IN @	OUT @	DRILLED	HRS	CUM. HRS	CONDITION	R O P								
	6	12 1/4	VGC44CDX	HTC	5175440	3x22/1x28		4560														
	6	12 1/4	VGC44CDX	HTC	5175440	3x22/1x28		4560														
												0.00										
												0.00										
PUMPS	Depth		GPM	PRESSURE	Pump 1		Pump 2		Pump 3		Pump 4			TYPE	STROKE	Manufacturer	HRS	Total HRS	MAX PSI	SPR Kill Rate	KILL (SPM)	
					Liner	SPM	Liner	SPM	Liner	SPM	Liner	SPM	Pump 1	Q-Z9	9IN	N/A		0.00				
	4431 -				6	6							Pump 2	Q-Z9	9IN	N/A		0.00				
	4577 - 4676				6	6							Pump 3					0.00				
				1740	6	87	6	87					Pump 4					0.00				
DRLLSTRG	SIZE	WEIGHT	GRADE	I.D.	TJ O.D.	THREAD	# JNTS	LENGTH	IN HOLE	ON RACK	REPAIRS	DRILL STRING REMARKS										
ENGINES	LOCATION									NO.	DRILLING ASSEMBLY ( BHA )			O.D.	I.D.	LENGTH	DEVIATION SURVEYS					
	Co. No.																DEPTH	INCL	AZM			
	HRS TODAY																					
	HRS ON WELL																					
	HRS LAST CHGE																					
	AVERAGE KVA																					
RIG FUEL	DELIVERED TODAY				BOILER			HOURS	FUEL USED													
	On Hand		2214.00			TODAY																
	Used Today		-287.00			WELL																
	Used This Well		-2214.00			BOILER #																
	Fuel Brand					BLOWDOWN VOLUMES																
	DISTRIBUTOR																					
MUD MTR	SERIAL #	HRS LAST 24	TOTAL HRS	CUM. WELL HRS	FOOTAGE LAST 24	TOTAL FOOTAGE																
RENTAL ITEMS	DESCRIPTION				DAY RT	STDBY	HLRY															
REPORT REMARKS	used 328 gal of fuel								DEPTH DRILLED													
									FROM	TO	CODE	RPM	W.O.B.									
									4431		D	62	12									
									4577	4676		65	42									

PIONEER OILFIELD SERVICES, LLC										MORNING REPORT					DATE 20101021		RIG NO. 15	JOB TYPE	JOB NO.		WELL TYPE	
WELLNAME ADM Verification Well #1										LEGAL DESCRIPTION					SPUD DATE / TIME 09-23-10 12:30				DAYS FR SPUD 28		PROJECTED TD	
OPERATOR ADM (ARCHER DANIEL MIDLAND)										COUNTY / PARISH Macon				STATE IL	JOB START DATE 09-15-10 15:45			DAYS ON JOB 36		EST. RELEASE		
RIG MANAGER W WOOD					RIG PHONE NUMBER 618-943-0053			OPERATORS REPRESENTATIVE PT HUGHESR			CO. MAN PH NO.		RELEASE DATE / TIME			WEATHER CLOUDY/52DEG						
OPERATIONS @ REPORT TIME drilling										OPERATIONS NEXT 24 HRS DRILLING												
SAFETY	ACCIDENTS OR NEAR MISSES: none										# OF JSA's 3		RIG SAFETY DAYS 29		SAFETY RATE		G.P.S. COORDINATES N 39.8797 W -88.8934		BOP TEST DATE / PRESSURE 10/16/10/1100/250 PSIG			
	SAFETY MEETING TOPICS drilling / mix gel &chem										# STOP CARDS		LAST MEETING DATE 9/24AT700			CROWN-O-MATIC CHECKED YES		BOP DRILL DATE / TIME				
	LAST INSPECTION		INSPECTION BY / TITLE			CREW M / U		EXTRA CREWS / WHY?				OFFICE NOTIFIED		MANHOURS PAST 24 104.00		BOP DRILL DATE / TIME						
OPS	CURRENT DEPTH 4885		FOOTAGE LAST 24 209		PEN. RATE 9.835		ROT. HRS 21.25		MAX. GAS		BCKGR GAS	CONN. GAS	TRIP GAS	LAST CASING SIZE & SET DEPTH 13 3/8 350			RIG COSTS					
	HOOKLOAD 109		PICKUP WEIGHT 109		SLACKOFF 109		ROTATING 109		ROTARY TORQUE			NEXT CASING SIZE & SET DEPTH			DAILY	S & R	RENTAL					
MUD	Time 0530	Mud Wt IN / OUT 9		Funnel Vis 55	PV 18	YLD PT 13	10 S GEL 5	10 M GEL 28	Fl. Loss	FILT CK 1/32	HTHP FL	HTTP FC	FUEL ADDED TO MUD TODAY CUM. 0.00			AVERAGE	0.00	0.00				
	Mud Type dispersed gel		% SOLIDS 10	% LCM	% SAND	% OIL	% H2O 93	pH 10	MF	PF	CALCIUM 48	CHLORIDES 6000	MUD COSTS DAILY 4876.50 CUM. 119010.00			CUMULATIVE	0.00	0.00				
	CENTRIFUGES				SHAKER TYPE NATIONAL				SCREENS 210			CHANGED 2625.00		WATER SOURCE HYD		CUMULATIVE DAYS	28.0	28.0				
TIME LOG	FROM	TO	HRS	CODE	DETAILS OF OPERATIONS IN SEQUENCE										TIME BREAKDOWN		(Today / Well)					
	700	715	0.25	21	safety meeting										1: RIG UP / DOWN		0.5					
	715	1230	5.25	2	DRILL ACTUAL FROM 4676 TO 4736										2: DRILLING		21.25 245.5					
	1230	1430	2.0	8	CHANGE CLUTCH IN #1 M.P										3: REAMING		30.25					
	1430	1500	0.5	2	DRILL ACTUAL FROM 4736 TO4740										4: CORING		54.5					
	1500	1515	0.25	21	SAFETY MEETING										5: COND. & CIRC		43.25					
	1515	2130	6.25	2	DRILL FROM 4740 TO 4797										6: TRIPS		121.75					
	2130	2300	1.5	2	DRILL FROM 4797 TO 4804										7: LUBRICATE RIG							
	2300	2315	0.25	21	SAFETY MEETING										8: REPAIR RIG		2.0 25.0					
	2315	0700	7.75	2	DRILL FROM 4804- 4885 @4853 18Bbl gain check for flow no flow resume drilling										9: C/O DRILL LINE							
															10: DEVIATION		9.25					
															11: WIRELINE LOG		2.0					
															12: RUN CSG & CMNT		5.5					
															13: WAIT ON CEMENT		28.25					
															14: NIPPLE UP BOP		17.5					
															15: TEST BOP		5.75					
															16: DRILL STEM TEST							
															17: PLUGBACK		2.25					
															18: SQUEEZE CMNT		1.5					
															19: FISHING							
															20: DIR. WORK							
																	0.75 15.0					
																10.5						
																3.5						
														OTHER		6.75						
														Total Hours		24.0 628.5						
BITS	BIT#	SIZE	TYPE	MAKE	SERIAL #	NOZZLES		IN @	OUT @	DRILLED	HRS	CUM. HRS	CONDITION	R O P								
	6	12 1/4	VGC44CDX	HTC	5175440	3x22/1x28		4560				0.00										
	6	12 1/4	VGC44CDX	HTC	5175440	3x22/1x28		4560				0.00										
	6	12 1/4	VGC44CDX	HTC	5175440	3x22/1x28		4560				0.00										
												0.00										
PUMPS	Depth		GPM	PRESSURE	Pump 1		Pump 2		Pump 3		Pump 4			TYPE	STROKE	Manufacturer	HRS	Total HRS	MAX PSI	SPR Kill Rate	KILL (SPM)	
					Liner	SPM	Liner	SPM	Liner	SPM	Liner	SPM	Pump 1	Q-Z9	9IN	N/A		0.00				
	4676 - 4740			1750	6	87	6	87					Pump 2	Q-Z9	9IN	N/A		0.00				
	4740 - 4804				6		6						Pump 3					0.00				
	4804 - 4885				6		6						Pump 4					0.00				
DRLLSTRG	SIZE	WEIGHT	GRADE	I.D.	TJ O.D.	THREAD	# JNTS	LENGTH	IN HOLE	ON RACK	REPAIRS	DRILL STRING REMARKS										
ENGINES	LOCATION									NO.	DRILLING ASSEMBLY ( BHA )			O.D.	I.D.	LENGTH	DEVIATION SURVEYS					
	Co. No.																DEPTH	INCL	AZM			
	HRS TODAY																					
	HRS ON WELL																					
	HRS LAST CHGE																					
RIG FUEL	DELIVERED TODAY				BOILER			HOURS	FUEL USED													
	On Hand		1066.00			TODAY																
	Used Today		1148.00			WELL																
	Used This Well		-1066.00			BOILER #																
	Fuel Brand					BLOWDOWN VOLUMES																
MUD MTR	SERIAL #	HRS LAST 24	TOTAL HRS	CUM. WELL HRS	FOOTAGE LAST 24	TOTAL FOOTAGE																
RENTAL ITEMS	DESCRIPTION					DAY RT	STDBY	HLRY														
REPORT REMARKS	used 1148 gal of fuel											DEPTH DRILLED										
												FROM	TO	CODE	RPM	W.O.B.						
												4676	4740	D	60	40						
												4740	4804	D	57	38						
												4804	4885									

PIONEER OILFIELD SERVICES, LLC										MORNING REPORT					DATE 20101022		RIG NO. 15	JOB TYPE	JOB NO.		WELL TYPE	
WELLNAME ADM Verification Well #1						LEGAL DESCRIPTION						SPUD DATE / TIME 09-23-10 12:30				DAYS FR SPUD 29		PROJECTED TD				
OPERATOR ADM (ARCHER DANIEL MIDLAND)						COUNTY / PARISH Macon				STATE IL	JOB START DATE 09-15-10 15:45			DAYS ON JOB 37		EST. RELEASE						
RIG MANAGER W WOOD				RIG PHONE NUMBER 618-943-0053		OPERATORS REPRESENTATIVE PT HUGHESR			CO. MAN PH NO.		RELEASE DATE / TIME			WEATHER CLOUDY/38DEG								
OPERATIONS @ REPORT TIME tripping										OPERATIONS NEXT 24 HRS tripping/DRILLING												
SAFETY	ACCIDENTS OR NEAR MISSES: none						# OF JSA's 3		RIG SAFETY DAYS 30		SAFETY RATE		G.P.S. COORDINATES N 39.8797 W -88.8934			BOP TEST DATE / PRESSURE 10/16/10/1100/250 PSIG						
	SAFETY MEETING TOPICS tripping/drilling						# STOP CARDS		LAST MEETING DATE 9/24AT700				CROWN-O-MATIC CHECKED YES		BOP DRILL DATE / TIME							
	LAST INSPECTION		INSPECTION BY / TITLE			CREW M / U		EXTRA CREWS / WHY?				OFFICE NOTIFIED		MANHOURS PAST 24 72.00		BOP DRILL DATE / TIME						
OPS	CURRENT DEPTH 5035		FOOTAGE LAST 24 150		PEN. RATE 8.219	ROT. HRS 18.25		MAX. GAS	BCKGR GAS	CONN. GAS	TRIP GAS	LAST CASING SIZE & SET DEPTH 13 3/8 350			RIG COSTS							
	HOOKLOAD 109		PICKUP WEIGHT 109		SLACKOFF 109		ROTATING 109		ROTARY TORQUE			NEXT CASING SIZE & SET DEPTH			DAILY	S & R	RENTAL					
MUD	Time 11	Mud Wt IN / OUT 9		Funnel Vis 59	PV 15	YLD PT 14	10 S GEL 3	10 M GEL 24	Fl. Loss	FILT CK 1/32	HTHP FL	HTTP FC	FUEL ADDED TO MUD TODAY CUM. 0.00		AVERAGE	0.00	0.00					
	Mud Type dispersed gel		% SOLIDS 10	% LCM	% SAND	% OIL	% H2O 95	pH 10	MF	PF	CALCIUM 56	CHLORIDES 4700	MUD COSTS DAILY 5771.50 CUM. 124781.50		CUMULATIVE	0.00	0.00					
	CENTRIFUGES				SHAKER TYPE NATIONAL				SCREENS 210			CHANGED 2625.00		WATER SOURCE HYD	CUMULATIVE DAYS	29.0	29.0					
TIME LOG	FROM	TO	HRS	CODE	DETAILS OF OPERATIONS IN SEQUENCE										TIME BREAKDOWN		(Today / Well)					
	700	715	0.25	21	SAFETY MEETING										1: RIG UP / DOWN		0.5					
	715	830	1.25	2	DRILL ACTUAL FROM 4885 TO 4905										2: DRILLING		18.25 263.75					
	830	915	0.75	10	DEVIATION SURVEY/3/4 DEGREE										3: REAMING		30.25					
	915	1330	4.25	2	DRILL ACTUAL FROM 4905 TO 4958										4: CORING		54.5					
	1330	1500	1.5	8	CHANGE HEAD AND LINER #1 M.P OFF SIDE										5: COND. & CIRC		43.25					
	1500	1515	0.25	21	SAFETY MEETING										6: TRIPS		121.75					
	1515	1945	4.5	2	DRILL FROM 4958 TO 5010										7: LUBRICATE RIG							
	1945	2300	3.25	2	DRILL FROM 5010 TO 5035										8: REPAIR RIG		1.5 26.5					
	2300	2315	0.25	21	SAFETY MEETING										9: C/O DRILL LINE							
	2315	0415	5.0	2	DRILL FROM 5035-										10: DEVIATION		0.75 10.0					
	0415		0.0	6	P.O.O.H FOR BIT STRAP OUT										11: WIRELINE LOG		2.0					
															12: RUN CSG & CMNT		5.5					
															13: WAIT ON CEMENT		28.25					
															14: NIPPLE UP BOP		17.5					
															15: TEST BOP		5.75					
															16: DRILL STEM TEST							
															17: PLUGBACK		2.25					
															18: SQUEEZE CMNT		1.5					
															19: FISHING							
															20: DIR. WORK							
																	0.75 15.75					
																	10.5					
																	3.5					
														OTHER		6.75						
														Total Hours		21.25 649.75						
BITS	BIT#	SIZE	TYPE	MAKE	SERIAL #	NOZZLES	IN @	OUT @	DRILLED	HRS	CUM. HRS	CONDITION	R O P									
	6	12 1/4	VGC44CDX	HTC	5175440	3x22/1x28	4560				0.00											
	6	12 1/4	VGC44CDX	HTC	5175440	3x22/1x28	4560				0.00											
	6	12 1/4	VGC44CDX	HTC	5175440	3x22/1x28	4560				0.00											
PUMPS	Depth	GPM	PRESSURE	Pump 1 Liner SPM	Pump 2 Liner SPM	Pump 3 Liner SPM	Pump 4 Liner SPM		TYPE	STROKE	Manufacturer	HRS	Total HRS	MAX PSI	SPR Kill Rate	KILL (SPM)						
	4885 - 4958		1890	6 89	6 89			Pump 1	Q-Z9	9IN	N/A		0.00									
	4958 - 5010			6	6			Pump 2	Q-Z9	9IN	N/A		0.00									
	5010 - 5035			6	6			Pump 3					0.00									
								Pump 4					0.00									
DRLLSTRG	SIZE	WEIGHT	GRADE	I.D.	TJ O.D.	THREAD	# JNTS	LENGTH	IN HOLE	ON RACK	REPAIRS	DRILL STRING REMARKS										
ENGINES	LOCATION								NO.	DRILLING ASSEMBLY ( BHA )		O.D.	I.D.	LENGTH	DEVIATION SURVEYS							
	Co. No.								1	KELLY				41	DEPTH	INCL	AZM					
	HRS TODAY														4800	3/4						
	HRS ON WELL																					
	HRS LAST CHGE																					
RIG FUEL	DELIVERED TODAY			BOILER		HOURS	FUEL USED															
	On Hand	1886.00	TODAY																			
	Used Today	-820.00	WELL																			
	Used This Well	-1886.00	BOILER #																			
	Fuel Brand		BLOWDOWN VOLUMES																			
MUD MTR	SERIAL #	HRS LAST 24	TOTAL HRS	CUM. WELL HRS	FOOTAGE LAST 24	TOTAL FOOTAGE																
RENTAL ITEMS	DESCRIPTION					DAY RT	STDBY	HLRY														
REPORT REMARKS	used 861 gal of fuel								DEPTH DRILLED													
									FROM	TO	CODE	RPM	W.O.B.									
	@ 4800 3/4 DG straight hole								4885	4958	D	60	45									
									4958	5010	D	64	43									
									5010	5035	D	67	42									
									5035			60	49									

PIONEER OILFIELD SERVICES, LLC										MORNING REPORT					DATE 20101023		RIG NO. 15	JOB TYPE	JOB NO.		WELL TYPE	
WELLNAME ADM Verification Well #1										LEGAL DESCRIPTION					SPUD DATE / TIME 09-23-10 12:30				DAYS FR SPUD 30		PROJECTED TD	
OPERATOR ADM (ARCHER DANIEL MIDLAND)										COUNTY / PARISH Macon				STATE IL	JOB START DATE 09-15-10 15:45			DAYS ON JOB 38		EST. RELEASE		
RIG MANAGER W WOOD					RIG PHONE NUMBER 618-943-0053			OPERATORS REPRESENTATIVE PT HUGHESR			CO. MAN PH NO.		RELEASE DATE / TIME			WEATHER CLOUDY/59 dg rain poss.						
OPERATIONS @ REPORT TIME drilling ahead										OPERATIONS NEXT 24 HRS tripping/DRILLING												
SAFETY	ACCIDENTS OR NEAR MISSES: none								# OF JSA's 3		RIG SAFETY DAYS 31		SAFETY RATE		G.P.S. COORDINATES N 39.8797 W -88.8934		BOP TEST DATE / PRESSURE 10/16/10/1100/250 PSIG					
	SAFETY MEETING TOPICS making conn/ mixing gel &chem								# STOP CARDS		LAST MEETING DATE 9/24AT700				CROWN-O-MATIC CHECKED YES		BOP DRILL DATE / TIME					
	LAST INSPECTION		INSPECTION BY / TITLE			CREW M / U		EXTRA CREWS / WHY?				OFFICE NOTIFIED		MANHOURS PAST 24 104.00		BOP DRILL DATE / TIME						
OPS	CURRENT DEPTH 5256		FOOTAGE LAST 24 221		PEN. RATE 11.787		ROT. HRS 18.75		MAX. GAS		BCKGR GAS		CONN. GAS		TRIP GAS		LAST CASING SIZE & SET DEPTH 13 3/8 350		RIG COSTS			
	HOOKLOAD 109		PICKUP WEIGHT 109		SLACKOFF 109		ROTATING 109		ROTARY TORQUE				NEXT CASING SIZE & SET DEPTH		DAILY		S & R		RENTAL			
MUD	Time 0530	Mud Wt IN / OUT 9		Funnel Vis 56	PV 19	YLD PT 17	10 S GEL 4	10 M GEL 26	Fl. Loss	FILT CK	HTHP FL		HTTP FC	FUEL ADDED TO MUD TODAY CUM. 0.00		AVERAGE		0.00 0.00				
	Mud Type dispersed gel		% SOLIDS 5	% LCM	% SAND	% OIL	% H2O 95	pH 10	MF	PF	CALCIUM 48	CHLORIDES 4500	MUD COSTS DAILY 5517.00 CUM. 130298.50		CUMULATIVE		0.00 0.00					
	CENTRIFUGES				SHAKER TYPE NATIONAL				SCREENS 210				CHANGED 2625.00		WATER SOURCE HYD		CUMULATIVE DAYS 30.0		30.0			
TIME LOG	FROM	TO	HRS	CODE	DETAILS OF OPERATIONS IN SEQUENCE										TIME BREAKDOWN		(Today / Well)					
	700	715	0.25	21	SAFETY MEETING										1: RIG UP / DOWN		0.5					
	715	815	1.0	6	TRIP OUT OF HOLE										2: DRILLING		18.75 282.5					
	815	1145	3.5	6	TRIP IN HOLE WITH BIT # 7										3: REAMING		30.25					
	1145	1500	3.25	2	DRILL ACTUAL FROM 5074 TO 5106										4: CORING		54.5					
	1500	1515	0.25	21	SAFETY MEETING										5: COND. & CIRC		43.25					
	1515	1900	3.75	2	DRILL FROM 5106 TO 5141										6: TRIPS		4.5 126.25					
	1900	1930	0.5	2	#1 PUMP DOWN FOR ALTERNATER BELT										7: LUBRICATE RIG							
	1930	2300	3.5	2	DRILL FROM 5141 TO 5175										8: REPAIR RIG		26.5					
	2300	2315	0.25	21	SAFETY MEETING										9: C/O DRILL LINE							
	2315	0700	7.75	2	DRILL FROM 5175- 5256										10: DEVIATION		10.0					
															11: WIRELINE LOG		2.0					
															12: RUN CSG & CMNT		5.5					
															13: WAIT ON CEMENT		28.25					
															14: NIPPLE UP BOP		17.5					
															15: TEST BOP		5.75					
															16: DRILL STEM TEST							
															17: PLUGBACK		2.25					
															18: SQUEEZE CMNT		1.5					
															19: FISHING							
															20: DIR. WORK							
																	0.75 16.5					
																	10.5					
																	3.5					
														OTHER		0.0 6.75						
														Total Hours		24.0 673.75						
BITS	BIT#	SIZE	TYPE	MAKE	SERIAL #	NOZZLES	IN @	OUT @	DRILLED	HRS	CUM. HRS	CONDITION	R O P									
	7	12 1/4	GXC44DX	HTC	6071812	4x22	5074															
	7	12 1/4	GXC44DX	HTC	6071812	4x22	5074															
	7	12 1/4	GXC44DX	HTC	6071812	4x22	5074															
											0.00											
PUMPS	Depth	GPM	PRESSURE	Pump 1 Liner SPM	Pump 2 Liner SPM	Pump 3 Liner SPM	Pump 4 Liner SPM	Pump 1 Q-Z9	TYPE Q-Z9	STROKE 9IN	Manufacturer N/A	HRS	Total HRS	MAX PSI	SPR Kill Rate	KILL (SPM)						
	5074 - 5106	555	1970	6 89	6 88			Pump 2	Q-Z9	9IN	N/A		0.00									
	5106 -			6	6			Pump 3					0.00									
	5175 - 5256			6	6			Pump 4					0.00									
DRLLSTRG	SIZE	WEIGHT	GRADE	I.D.	TJ O.D.	THREAD	# JNTS	LENGTH	IN HOLE	ON RACK	REPAIRS	DRILL STRING REMARKS										
ENGINES	LOCATION								NO.	DRILLING ASSEMBLY ( BHA )			O.D.	I.D.	LENGTH	DEVIATION SURVEYS						
	Co. No.															DEPTH	INCL	AZM				
	HRS TODAY																					
	HRS ON WELL																					
	HRS LAST CHGE																					
	AVERAGE KVA																					
RIG FUEL	DELIVERED TODAY			BOILER		HOURS	FUEL USED															
	On Hand	779.00	TODAY																			
	Used Today	1107.00	WELL																			
	Used This Well	-779.00	BOILER #																			
	Fuel Brand		BLOWDOWN VOLUMES																			
	DISTRIBUTOR																					
MUD MTR	SERIAL #	HRS LAST 24	TOTAL HRS	CUM. WELL HRS	FOOTAGE LAST 24	TOTAL FOOTAGE																
RENTAL ITEMS	DESCRIPTION					DAY RT	STDBY	HLRY														
REPORT REMARKS	used 1148 gal of fuel										DEPTH DRILLED											
											FROM	TO	CODE	RPM	W.O.B.							
											5074	5106	D	65	49							
											5106		D	71	49							
											5175	5256		58	50							

PIONEER OILFIELD SERVICES, LLC										MORNING REPORT					DATE 20101024		RIG NO. 15	JOB TYPE	JOB NO.		WELL TYPE	
WELLNAME ADM Verification Well #1										LEGAL DESCRIPTION					SPUD DATE / TIME 09-23-10 12:30				DAYS FR SPUD 31		PROJECTED TD	
OPERATOR ADM (ARCHER DANIEL MIDLAND)										COUNTY / PARISH Macon				STATE IL	JOB START DATE 09-15-10 15:45			DAYS ON JOB 39		EST. RELEASE		
RIG MANAGER W WOOD					RIG PHONE NUMBER 618-943-0053			OPERATORS REPRESENTATIVE PT HUGHESR			CO. MAN PH NO.		RELEASE DATE / TIME			WEATHER CLOUDY/59 dg rain poss.						
OPERATIONS @ REPORT TIME LOGGING										OPERATIONS NEXT 24 HRS LOGGING												
SAFETY	ACCIDENTS OR NEAR MISSES: NONE										# OF JSA's 3		RIG SAFETY DAYS 32		SAFETY RATE		G.P.S. COORDINATES N 39.8796 W -88.8934		BOP TEST DATE / PRESSURE 10/16/10/1100/250 PSIG			
	SAFETY MEETING TOPICS LOGGING/ SERVICE										# STOP CARDS		LAST MEETING DATE 9/24AT700				CROWN-O-MATIC CHECKED YES		BOP DRILL DATE / TIME			
	LAST INSPECTION		INSPECTION BY / TITLE			CREW M / U		EXTRA CREWS / WHY?				OFFICE NOTIFIED		MANHOURS PAST 24 104.00		BOP DRILL DATE / TIME						
OPS	CURRENT DEPTH 5320		FOOTAGE LAST 24 64		PEN. RATE 11.636		ROT. HRS 5.5		MAX. GAS		BCKGR GAS		CONN. GAS		TRIP GAS		LAST CASING SIZE & SET DEPTH 13 3/8 350		RIG COSTS			
	HOOKLOAD 109		PICKUP WEIGHT 109		SLACKOFF 109		ROTATING 109		ROTARY TORQUE				NEXT CASING SIZE & SET DEPTH		DAILY		S & R		RENTAL			
MUD	Time 3	Mud Wt IN / OUT 9	Funnel Vis 50	PV	YLD PT	10 S GEL	10 M GEL	Fl. Loss	FILT CK	HTHP FL	HTTP FC	FUEL ADDED TO MUD TODAY CUM. 0.00		AVERAGE		0.00		0.00				
	Mud Type dispersed gel		% SOLIDS 5	% LCM	% SAND	% OIL	% H2O 95	pH 10	MF	PF	CALCIUM 48	CHLORIDES 4500	MUD COSTS DAILY 309.50 CUM. 130608.00		CUMULATIVE		0.00		0.00			
	CENTRIFUGES				SHAKER TYPE NATIONAL				SCREENS 210				CHANGED 2625.00		WATER SOURCE HYD		CUMULATIVE DAYS 31.0		31.0			
TIME LOG	FROM	TO	HRS	CODE	DETAILS OF OPERATIONS IN SEQUENCE										TIME BREAKDOWN		(Today / Well)					
	700	715	0.25	21	SAFETY MEETING										1: RIG UP / DOWN		0.5					
	715	800	0.75	2	DRILL ACTUAL FROM5256 TO5275										2: DRILLING		5.5 288.0					
	800	845	0.75	22	W.O.O										3: REAMING		30.25					
	845	1330	4.75	2	DRILL ACTUAL FROM 5275 TO 5320										4: CORING		54.5					
	1330	1415	0.75	6	SHORT TRIP										5: COND. & CIRC		2.75 46.0					
	1415	1500	0.75	5	CONDITION MUD & CIRCULATE FOR LOG										6: TRIPS		4.5 130.75					
	1500	1515	0.25	21	SAFETY MEETING										7: LUBRICATE RIG							
	1515	1715	2.0	5	CONDITION MUD & CIRCULATE CIRC. FOR LOG										8: REPAIR RIG		26.5					
	1715	1800	0.75	10	RUN STRAIGHT HOLE TEST 3/4 DEGREE										9: C/O DRILL LINE							
	1800	2145	3.75	6	TRIP OUT OF HOLE W/ D P AND COLLARS AND BIT LAY DOWN 2 JNTS 4 1/2 DP										10: DEVIATION		0.75 10.75					
	2145	2300	1.25	11	WIRELINE LOGS RIG UP LOGGERS										11: WIRELINE LOG		9.0 11.0					
	2300	2315	0.25	21	SAFETY MEETING										12: RUN CSG & CMNT		5.5					
	2315	0700	7.75	11	WIRELINE LOGS BOTTOM 5322										13: WAIT ON CEMENT		28.25					
																14: NIPPLE UP BOP		17.5				
																15: TEST BOP		5.75				
																16: DRILL STEM TEST						
																17: PLUGBACK		2.25				
																18: SQUEEZE CMNT		1.5				
																19: FISHING						
																20: DIR. WORK						
																		0.75 17.25				
																		0.75 11.25				
																	3.5					
															OTHER		0.0 6.75					
															Total Hours		24.0 697.75					
BITS	BIT#	SIZE	TYPE	MAKE	SERIAL #	NOZZLES		IN @	OUT @	DRILLED	HRS	CUM. HRS	CONDITION	R O P								
	7	12 1/4	GXC44DX	HTC	6071812	4x22		5074	5320	246.00	23	23.00										
	7	12 1/4	GXC44DX	HTC	6071812	4x22		5074	5320	246.00	23	23.00										
												0.00										
PUMPS	Depth		GPM	PRESSURE	Pump 1		Pump 2		Pump 3		Pump 4			TYPE	STROKE	Manufacturer	HRS	Total HRS	MAX PSI	SPR Kill Rate	KILL (SPM)	
					Liner	SPM	Liner	SPM	Liner	SPM	Liner	SPM	Pump 1	Q-Z9	9IN	N/A		0.00				
	5256 - 5320			2035	6	89	6	89					Pump 2	Q-Z9	9IN	N/A		0.00				
													Pump 3					0.00				
													Pump 4					0.00				
DRLLSTRG	SIZE	WEIGHT	GRADE	I.D.	TJ O.D.	THREAD	# JNTS	LENGTH	IN HOLE	ON RACK	REPAIRS	DRILL STRING REMARKS										
ENGINES	LOCATION									NO.	DRILLING ASSEMBLY ( BHA )				O.D.	I.D.	LENGTH	DEVIATION SURVEYS				
	Co. No.																	DEPTH	INCL	AZM		
	HRS TODAY																					
	HRS ON WELL																					
	HRS LAST CHGE																					
RIG FUEL	DELIVERED TODAY				BOILER			HOURS		FUEL USED												
	On Hand		1886.00			TODAY																
	Used Today		-1107.00			WELL																
	Used This Well		-1886.00			BOILER #																
	Fuel Brand					BLOWDOWN VOLUMES																
MUD MTR	SERIAL #	HRS LAST 24	TOTAL HRS	CUM. WELL HRS	FOOTAGE LAST 24	TOTAL FOOTAGE																
RENTAL ITEMS	DESCRIPTION					DAY RT	STDBY	HLRY														
REPORT REMARKS	USED 533 GAL OF FUEL										DEPTH DRILLED											
											FROM	TO	CODE	RPM	W.O.B.							
											5256	5320	D	58	50							

PIONEER OILFIELD SERVICES, LLC										MORNING REPORT					DATE 20101025		RIG NO. 15	JOB TYPE	JOB NO.		WELL TYPE	
WELLNAME ADM Verification Well #1										LEGAL DESCRIPTION					SPUD DATE / TIME 09-23-10 12:30				DAYS FR SPUD 32		PROJECTED TD	
OPERATOR ADM (ARCHER DANIEL MIDLAND)										COUNTY / PARISH Macon				STATE IL	JOB START DATE 09-15-10 15:45			DAYS ON JOB 40		EST. RELEASE		
RIG MANAGER W WOOD					RIG PHONE NUMBER 618-943-0053			OPERATORS REPRESENTATIVE PT HUGHESR			CO. MAN PH NO.		RELEASE DATE / TIME			WEATHER CLOUDY/59 dg rain poss.						
OPERATIONS @ REPORT TIME LOGGING										OPERATIONS NEXT 24 HRS LOGGING												
SAFETY	ACCIDENTS OR NEAR MISSES: none										# OF JSA's 3		RIG SAFETY DAYS 33		SAFETY RATE		G.P.S. COORDINATES N 39.8796 W -88.8934		BOP TEST DATE / PRESSURE 10/16/10/1100/250 PSIG			
	SAFETY MEETING TOPICS logging / rig maintenance										# STOP CARDS		LAST MEETING DATE 9/24AT700				CROWN-O-MATIC CHECKED YES		BOP DRILL DATE / TIME			
	LAST INSPECTION		INSPECTION BY / TITLE			CREW M / U		EXTRA CREWS / WHY?				OFFICE NOTIFIED		MANHOURS PAST 24 104.00		BOP DRILL DATE / TIME						
OPS	CURRENT DEPTH		FOOTAGE LAST 24		PEN. RATE		ROT. HRS		MAX. GAS		BCKGR GAS		CONN. GAS		TRIP GAS		LAST CASING SIZE & SET DEPTH 13 3/8 350		RIG COSTS			
MUD	HOOKLOAD 109		PICKUP WEIGHT 109			SLACKOFF 109			ROTATING 109			ROTARY TORQUE			NEXT CASING SIZE & SET DEPTH		DAILY					
	Time	Mud Wt IN / OUT		Funnel Vis	PV	YLD PT	10 S GEL	10 M GEL	Fl. Loss	FILT CK	HTHP FL	HTTP FC	FUEL ADDED TO MUD TODAY CUM. 0.00		AVERAGE		0.00		0.00			
	Mud Type dispersed gel		% SOLIDS 5	% LCM	% SAND	% OIL	% H2O 95	pH 10	MF	PF	CALCIUM 48	CHLORIDES 4500	MUD COSTS DAILY 0.00 CUM. 130608.00		CUMULATIVE		0.00		0.00			
	CENTRIFUGES				SHAKER TYPE NATIONAL				SCREENS 210				CHANGED 2625.00		WATER SOURCE HYD		CUMULATIVE DAYS		32.0		32.0	
TIME LOG	FROM	TO	HRS	CODE	DETAILS OF OPERATIONS IN SEQUENCE										TIME BREAKDOWN		(Today / Well)					
	700	715	0.25	21	safety meeting										1: RIG UP / DOWN		0.5					
	715	1500	7.75	11	WIRELINE LOGS										2: DRILLING		288.0					
	1500	1515	0.25	21	safety meeting										3: REAMING		30.25					
	1515		7.75	11	WIRELINE LOGS										4: CORING		54.5					
					pulled heads out of rams and cleaned up and cleaned up junk pots on both pumps										5: COND. & CIRC		46.0					
					changed oil in wtr. pumps										6: TRIPS		130.75					
		2300			washed on rig and pits										7: LUBRICATE RIG							
	2300	2315	0.25	21	SAFETY MEETING										8: REPAIR RIG		26.5					
	2315	0700	7.75	11	WIRELINE LOGS										9: C/O DRILL LINE							
															10: DEVIATION		10.75					
															11: WIRELINE LOG		23.25 34.25					
															12: RUN CSG & CMNT		5.5					
															13: WAIT ON CEMENT		28.25					
															14: NIPPLE UP BOP		17.5					
															15: TEST BOP		5.75					
															16: DRILL STEM TEST							
															17: PLUGBACK		2.25					
															18: SQUEEZE CMNT		1.5					
															19: FISHING							
															20: DIR. WORK							
																	0.75 18.0					
																	11.25					
																	3.5					
														OTHER		0.0 6.75						
														Total Hours		24.0 721.75						
BITS	BIT#	SIZE	TYPE	MAKE	SERIAL #	NOZZLES	IN @	OUT @	DRILLED	HRS	CUM. HRS	CONDITION	R O P									
											0.00											
											0.00											
											0.00											
											0.00											
PUMPS	Depth		GPM	PRESSURE	Pump 1 Liner SPM		Pump 2 Liner SPM		Pump 3 Liner SPM		Pump 4 Liner SPM		Pump 1	Q-Z9	9IN	N/A		0.00				
					6 6		6 6		6 6		6 6		Pump 2	Q-Z9	9IN	N/A		0.00				
					6 6		6 6		6 6		6 6		Pump 3					0.00				
					6 6		6 6		6 6		6 6		Pump 4					0.00				
DRLLSTRG	SIZE	WEIGHT	GRADE	I.D.	TJ O.D.	THREAD	# JNTS	LENGTH	IN HOLE	ON RACK	REPAIRS	DRILL STRING REMARKS										
ENGINES	LOCATION									NO.	DRILLING ASSEMBLY ( BHA )			O.D.	I.D.	LENGTH	DEVIATION SURVEYS					
	Co. No.																DEPTH	INCL	AZM			
	HRS TODAY																					
	HRS ON WELL																					
	HRS LAST CHGE																					
	AVERAGE KVA																					
RIG FUEL	DELIVERED TODAY				BOILER			HOURS	FUEL USED													
	On Hand		1763.00			TODAY																
	Used Today		123.00			WELL																
	Used This Well		-1763.00			BOILER #																
	Fuel Brand					BLOWDOWN VOLUMES																
	DISTRIBUTOR																					
MUD MTR	SERIAL #	HRS LAST 24	TOTAL HRS	CUM. WELL HRS	FOOTAGE LAST 24	TOTAL FOOTAGE																
RENTAL ITEMS	DESCRIPTION					DAY RT	STDBY	HLRY														
REPORT REMARKS	used 123 gal of fuel					DEPTH DRILLED																
						FROM	TO	CODE	RPM	W.O.B.												



PIONEER OILFIELD SERVICES, LLC										MORNING REPORT					DATE 20101026		RIG NO. 15	JOB TYPE	JOB NO.		WELL TYPE										
WELLNAME ADM Verification Well #1										LEGAL DESCRIPTION					SPUD DATE / TIME 09-23-10 12:30					DAYS FR SPUD 33		PROJECTED TD									
OPERATOR ADM (ARCHER DANIEL MIDLAND)										COUNTY / PARISH Macon					STATE IL	JOB START DATE 09-15-10 15:45					DAYS ON JOB 41		EST. RELEASE								
RIG MANAGER W WOOD					RIG PHONE NUMBER 618-943-0053					OPERATORS REPRESENTATIVE PT HUGHESR					CO. MAN PH NO.		RELEASE DATE / TIME					WEATHER CLOUDY/59 dg rain poss.									
OPERATIONS @ REPORT TIME LOGGING															OPERATIONS NEXT 24 HRS LOGGING																
SAFETY	ACCIDENTS OR NEAR MISSES: none										# OF JSA's 3		RIG SAFETY DAYS 34		SAFETY RATE		G.P.S. COORDINATES N 39.8796 W -88.8934			BOP TEST DATE / PRESSURE 10/16/10/1100/250 PSIG											
	SAFETY MEETING TOPICS logging /weather										# STOP CARDS		LAST MEETING DATE 9/24AT700					CROWN-O-MATIC CHECKED YES			BOP DRILL DATE / TIME										
	LAST INSPECTION		INSPECTION BY / TITLE				CREW M / U		EXTRA CREWS / WHY?					OFFICE NOTIFIED		MANHOURS PAST 24 112.00			BOP DRILL DATE / TIME												
OPS	CURRENT DEPTH		FOOTAGE LAST 24		PEN. RATE		ROT. HRS		MAX. GAS		BCKGR GAS		CONN. GAS		TRIP GAS		LAST CASING SIZE & SET DEPTH 13 3/8 350			RIG COSTS											
	HOOKLOAD 109		PICKUP WEIGHT 109		SLACKOFF 109		ROTATING 109		ROTARY TORQUE					NEXT CASING SIZE & SET DEPTH			DAILY		S & R		RENTAL										
MUD	Time	Mud Wt IN / OUT		Funnel Vis		PV		YLD PT		10 S GEL		10 M GEL		Fl. Loss		FILT CK		HTHP FL		HTTP FC		FUEL ADDED TO MUD TODAY CUM. 0.00			AVERAGE		0.00		0.00		
	Mud Type dispersed gel		% SOLIDS 5		% LCM		% SAND		% OIL		% H2O 95		pH 10		MF		PF		CALCIUM 48		CHLORIDES 4500		MUD COSTS DAILY 0.00 CUM. 130608.00			CUMULATIVE		0.00		0.00	
	CENTRIFUGES					SHAKER TYPE NATIONAL					SCREENS 210					CHANGED 2625.00		WATER SOURCE HYD			CUMULATIVE DAYS		33.0		33.0						
TIME LOG	FROM	TO	HRS	CODE	DETAILS OF OPERATIONS IN SEQUENCE															TIME BREAKDOWN		(Today / Well)									
	700	715	0.25	21	SAFETY MEETING															1: RIG UP / DOWN		0.5									
	715	1500	7.75	11	WIRELINE LOGS															2: DRILLING		288.0									
	1500	1515	0.25	21	SAFETY MEETING															3: REAMING		30.25									
	1515	2300	7.75	11	WIRELINE LOGS															4: CORING		54.5									
	2300	2315	0.25	21	SAFETY MEETING															5: COND. & CIRC		46.0									
	2315	0700	7.75	11	WIRELINE LOGS															6: TRIPS		130.75									
																				7: LUBRICATE RIG											
																				8: REPAIR RIG		26.5									
																				9: C/O DRILL LINE											
																				10: DEVIATION		10.75									
																				11: WIRELINE LOG		23.25 57.5									
																				12: RUN CSG & CMNT		5.5									
																				13: WAIT ON CEMENT		28.25									
																				14: NIPPLE UP BOP		17.5									
																				15: TEST BOP		5.75									
																				16: DRILL STEM TEST											
																				17: PLUGBACK		2.25									
																				18: SQUEEZE CMNT		1.5									
																				19: FISHING											
																				20: DIR. WORK											
																						0.75 18.75									
																					11.25										
																					3.5										
																			OTHER		6.75										
																			Total Hours		24.0 745.75										
BITS	BIT#	SIZE	TYPE	MAKE	SERIAL #	NOZZLES				IN @	OUT @	DRILLED	HRS	CUM. HRS	CONDITION		R O P														
														0.00																	
														0.00																	
														0.00																	
														0.00																	
PUMPS	Depth		GPM	PRESSURE	Pump 1		Pump 2		Pump 3		Pump 4			TYPE	STROKE	Manufacturer	HRS	Total HRS	MAX PSI	SPR Kill Rate	KILL (SPM)										
					Liner	SPM	Liner	SPM	Liner	SPM	Liner	SPM	Pump 1	Q-Z9	9IN	N/A		0.00													
					6	6							Pump 2	Q-Z9	9IN	N/A		0.00													
													Pump 3					0.00													
													Pump 4					0.00													
DRLLSTRG	SIZE	WEIGHT	GRADE	I.D.	TJ O.D.	THREAD	# JNTS	LENGTH	IN HOLE	ON RACK	REPAIRS	DRILL STRING REMARKS																			
ENGINES	LOCATION										NO.	DRILLING ASSEMBLY ( BHA )				O.D.	I.D.	LENGTH	DEVIATION SURVEYS												
	Co. No.																		DEPTH	INCL	AZM										
	HRS TODAY																														
	HRS ON WELL																														
	HRS LAST CHGE																														
	AVERAGE KVA																														
RIG FUEL	DELIVERED TODAY				BOILER			HOURS		FUEL USED																					
	On Hand		2706.00			TODAY																									
	Used Today		-943.00			WELL																									
	Used This Well		-2706.00			BOILER #																									
	Fuel Brand					BLOWDOWN VOLUMES																									
	DISTRIBUTOR																														
MUD MTR	SERIAL #	HRS LAST 24	TOTAL HRS	CUM. WELL HRS	FOOTAGE LAST 24	TOTAL FOOTAGE																									
RENTAL ITEMS	DESCRIPTION					DAY RT	STDBY	HLRY																							
REPORT REMARKS	used 123 gal of fuel															DEPTH DRILLED															
																FROM	TO	CODE	RPM	W.O.B.											

PIONEER OILFIELD SERVICES, LLC										MORNING REPORT					DATE 20101027		RIG NO. 15	JOB TYPE	JOB NO.		WELL TYPE	
WELLNAME ADM Verification Well #1										LEGAL DESCRIPTION					SPUD DATE / TIME 09-23-10 12:30				DAYS FR SPUD 34		PROJECTED TD	
OPERATOR ADM (ARCHER DANIEL MIDLAND)										COUNTY / PARISH Macon				STATE IL	JOB START DATE 09-15-10 15:45			DAYS ON JOB 42		EST. RELEASE		
RIG MANAGER W WOOD					RIG PHONE NUMBER 618-943-0053			OPERATORS REPRESENTATIVE PT HUGHESR			CO. MAN PH NO.		RELEASE DATE / TIME			WEATHER CLOUDY/59 dg rain poss.						
OPERATIONS @ REPORT TIME LOGGING										OPERATIONS NEXT 24 HRS LOGGING												
SAFETY	ACCIDENTS OR NEAR MISSES: none										# OF JSA's 3		RIG SAFETY DAYS 35		SAFETY RATE		G.P.S. COORDINATES N 39.8796 W -88.8934		BOP TEST DATE / PRESSURE 10/16/10/1100/250 PSIG			
	SAFETY MEETING TOPICS tripping/ running casing										# STOP CARDS		LAST MEETING DATE 9/24AT700				CROWN-O-MATIC CHECKED YES		BOP DRILL DATE / TIME			
	LAST INSPECTION		INSPECTION BY / TITLE			CREW M / U		EXTRA CREWS / WHY?				OFFICE NOTIFIED		MANHOURS PAST 24 72.00		BOP DRILL DATE / TIME						
OPS	CURRENT DEPTH		FOOTAGE LAST 24		PEN. RATE		ROT. HRS		MAX. GAS		BCKGR GAS		CONN. GAS		TRIP GAS		LAST CASING SIZE & SET DEPTH 13 3/8 350		RIG COSTS			
	HOOKLOAD 109		PICKUP WEIGHT 109		SLACKOFF 109		ROTATING 109		ROTARY TORQUE				NEXT CASING SIZE & SET DEPTH		DAILY		S & R		RENTAL			
MUD	Time	Mud Wt IN / OUT		Funnel Vis 60		PV 26	YLD PT 8	10 S GEL 3		10 M GEL 16		Fl. Loss		FILT CK 1/32		HTHP FL		HTTP FC		FUEL ADDED TO MUD TODAY CUM. 0.00		
	Mud Type dispersed gel		% SOLIDS 6	% LCM 94	% SAND	% OIL	% H2O 95		pH 9.5	MF	PF	CALCIUM 64		CHLORIDES 6600		MUD COSTS DAILY 2303.50 CUM. 132911.50		CUMULATIVE 0.00 0.00				
	CENTRIFUGES				SHAKER TYPE NATIONAL				SCREENS 210				CHANGED 2625.00		WATER SOURCE HYD		CUMULATIVE DAYS 34.0 34.0					
TIME LOG	FROM	TO	HRS	CODE	DETAILS OF OPERATIONS IN SEQUENCE												TIME BREAKDOWN		(Today / Well)			
	700	715	0.25	21	SAFETY MEETING												1: RIG UP / DOWN		0.5			
	715	1500	7.75	11	WIRELINE LOGS												2: DRILLING		288.0			
	1500	1515	0.25	21	safety meeting												3: REAMING		30.25			
	1515	2030	5.25	11	WIRELINE LOGS												4: CORING		54.5			
	2030	2200	1.5	9	CUT OFF DRILLING LINE												5: COND. & CIRC		2.5 48.5			
	2200	2300	1.0	6	TRIPS												6: TRIPS		3.5 134.25			
	2300	2315	0.25	21	SAFETY MEETING												7: LUBRICATE RIG					
	2315	0145	2.5	6	T.I.H.												8: REPAIR RIG		0.25 26.75			
	0145	0200	0.25	8	WORK ON MUD PUMPS												9: C/O DRILL LINE		1.5 1.5			
	0200	0430	2.5	5	CONDITION MUD & CIRCULATE												10: DEVIATION		10.75			
	0430	700	2.5	6	P.O.O.H. TO RUN CASING												11: WIRELINE LOG		13.0 70.5			
																	12: RUN CSG & CMNT		5.5			
																	13: WAIT ON CEMENT		28.25			
																	14: NIPPLE UP BOP		17.5			
																	15: TEST BOP		5.75			
																	16: DRILL STEM TEST					
																	17: PLUGBACK		2.25			
																	18: SQUEEZE CMNT		1.5			
																	19: FISHING					
																	20: DIR. WORK					
																			0.75 19.5			
																			11.25			
																			3.5			
																OTHER		6.75				
																Total Hours		21.5 767.25				
BITS	BIT#	SIZE	TYPE	MAKE	SERIAL #	NOZZLES		IN @	OUT @	DRILLED	HRS	CUM. HRS	CONDITION		R O P							
												0.00										
												0.00										
												0.00										
												0.00										
PUMPS	Depth		GPM	PRESSURE	Pump 1		Pump 2		Pump 3		Pump 4			TYPE	STROKE	Manufacturer	HRS	Total HRS	MAX PSI	SPR Kill Rate	KILL (SPM)	
					Liner	SPM	Liner	SPM	Liner	SPM	Liner	SPM	Pump 1	Q-Z9	9IN	N/A		0.00				
					6	6							Pump 2	Q-Z9	9IN	N/A		0.00				
													Pump 3					0.00				
													Pump 4					0.00				
DRLLSTRG	SIZE	WEIGHT	GRADE	I.D.	TJ O.D.	THREAD	# JNTS	LENGTH	IN HOLE	ON RACK	REPAIRS	DRILL STRING REMARKS										
ENGINES	LOCATION										NO.	DRILLING ASSEMBLY ( BHA )			O.D.	I.D.	LENGTH	DEVIATION SURVEYS				
	Co. No.																	DEPTH	INCL	AZM		
	HRS TODAY																					
	HRS ON WELL																					
	HRS LAST CHGE																					
	AVERAGE KVA																					
RIG FUEL	DELIVERED TODAY				BOILER			HOURS	FUEL USED													
	On Hand		2337.00			TODAY																
	Used Today		369.00			WELL																
	Used This Well		-2337.00			BOILER #																
	Fuel Brand					BLOWDOWN VOLUMES																
	DISTRIBUTOR																					
MUD MTR	SERIAL #	HRS LAST 24	TOTAL HRS	CUM. WELL HRS	FOOTAGE LAST 24	TOTAL FOOTAGE																
RENTAL ITEMS	DESCRIPTION					DAY RT	STDBY	HLRY														
REPORT REMARKS	used 369 gal of fuel										DEPTH DRILLED											
											FROM	TO	CODE	RPM	W.O.B.							

PIONEER OILFIELD SERVICES, LLC										MORNING REPORT					DATE 20101028		RIG NO. 15	JOB TYPE	JOB NO.		WELL TYPE									
WELLNAME ADM Verification Well #1										LEGAL DESCRIPTION					SPUD DATE / TIME 09-23-10 12:30				DAYS FR SPUD 35		PROJECTED TD									
OPERATOR ADM (ARCHER DANIEL MIDLAND)										COUNTY / PARISH Macon				STATE IL	JOB START DATE 09-15-10 15:45			DAYS ON JOB 43		EST. RELEASE										
RIG MANAGER W WOOD					RIG PHONE NUMBER 618-943-0053			OPERATORS REPRESENTATIVE PT HUGHESR			CO. MAN PH NO.		RELEASE DATE / TIME			WEATHER CLOUDY/59 dg rain poss.														
OPERATIONS @ REPORT TIME cementing casing										OPERATIONS NEXT 24 HRS cementing casing																				
SAFETY	ACCIDENTS OR NEAR MISSES: none										# OF JSA's		RIG SAFETY DAYS 36		SAFETY RATE		G.P.S. COORDINATES N 39.8796 W -88.8934		BOP TEST DATE / PRESSURE 10/16/10/1100/250 PSIG											
	SAFETY MEETING TOPICS cementing casing/working with unformiliar people										# STOP CARDS		LAST MEETING DATE 9/24AT700				CROWN-O-MATIC CHECKED YES		BOP DRILL DATE / TIME											
	LAST INSPECTION		INSPECTION BY / TITLE			CREW M / U		EXTRA CREWS / WHY?				OFFICE NOTIFIED		MANHOURS PAST 24 168.00		BOP DRILL DATE / TIME														
OPS	CURRENT DEPTH		FOOTAGE LAST 24		PEN. RATE		ROT. HRS		MAX. GAS		BCKGR GAS		CONN. GAS		TRIP GAS		LAST CASING SIZE & SET DEPTH 13 3/8 350		RIG COSTS											
			0		0.0																									
MUD	HOOKLOAD 109		PICKUP WEIGHT 109			SLACKOFF 109			ROTATING 109			ROTARY TORQUE			NEXT CASING SIZE & SET DEPTH		DAILY													
	Time		Mud Wt IN / OUT		Funnel Vis		PV		YLD PT		10 S GEL		10 M GEL		Fl. Loss		FILT CK		HTHP FL		HTTP FC		FUEL ADDED TO MUD TODAY CUM. 0.00		AVERAGE		0.00		0.00	
	Mud Type dispersed gel		% SOLIDS 6		% LCM 94		% SAND		% OIL		% H2O 95		pH 9.5		MF		PF		CALCIUM 64		CHLORIDES 6600		MUD COSTS DAILY 0.00 CUM. 132911.50		CUMULATIVE		0.00		0.00	
TIME LOG	CENTRIFUGES					SHAKER TYPE NATIONAL					SCREENS 210					CHANGED 2625.00		WATER SOURCE HYD		CUMULATIVE DAYS		35.0		35.0						
	FROM	TO	HRS	CODE	DETAILS OF OPERATIONS IN SEQUENCE															TIME BREAKDOWN		(Today / Well)								
	700	715	0.25	21	SAFETY MEETING															1: RIG UP / DOWN		0.5								
715	745	0.5	6	TRIP OUT OF HOLE AND LAY DOWN 8 INCH STAND															2: DRILLING		288.0									
745	1030	2.75	22	PREPAIR TO RUN CASEING															3: REAMING		30.25									
1030	1130	1.0	22	RIG UP POWER TONGS															4: CORING		54.5									
1130	1500	3.5	12	SAFETY MEETING WITH SHCLUMBERGER /RUN CASEING 116 JOINTS															5: COND. & CIRC		8.0 56.5									
		0.0		HOOK UP TO CIRC HOLE / TAG BOTTOM /& CIRC															6: TRIPS		0.5 134.75									
1500	1515	0.25	21	SAFETY MEETING															7: LUBRICATE RIG											
1515	1530	0.25	12	PREPAIR TO RUN 9 5/8 CASING HAD SCHUMBERGER MEETING															8: REPAIR RIG		26.75									
1530	2030	5.0	5	CONDITION MUD & CIRCULATE FOR 2 HRS.															9: C/O DRILL LINE		1.5									
2030	2300	2.5	5	CONDITION MUD & CIRCULATE . LOST RETURNS BUILD VOLUME															10: DEVIATION		10.75									
2300	2315	0.25	21	SAFETY MEETING															11: WIRELINE LOG		70.5									
2315	2345	0.5	5	BUILD VOLUME TO CEMENT															12: RUN CSG & CMNT		10.0 15.5									
2345	0045	1.0	22	WAIT ON ORDERS															13: WAIT ON CEMENT		28.25									
0045	0500	4.25	12	HOOK HOOK UP CEMENTERS AND CEMENT 20BBLS H2O, 30 BBLS CW 100,125 BBLS @ 16.2P															14: NIPPLE UP BOP		17.5									
0500	0700	2.0	12	DROP BOMB															15: TEST BOP		5.75									
																			16: DRILL STEM TEST											
																			17: PLUGBACK		2.25									
																			18: SQUEEZE CMNT		1.5									
																			19: FISHING											
																			20: DIR. WORK											
																					0.75 20.25									
																					4.75 16.0									
																					3.5									
																			OTHER		0.0 6.75									
																			Total Hours		24.0 791.25									
BITS	BIT#	SIZE	TYPE	MAKE	SERIAL #	NOZZLES	IN @	OUT @	DRILLED	HRS	CUM. HRS	CONDITION	R O P																	
											0.00																			
											0.00																			
											0.00																			
											0.00																			
PUMPS	Depth		GPM	PRESSURE	Pump 1		Pump 2		Pump 3		Pump 4			TYPE	STROKE	Manufacturer	HRS	Total HRS	MAX PSI	SPR Kill Rate	KILL (SPM)									
					Liner	SPM	Liner	SPM	Liner	SPM	Liner	SPM	Pump 1	Q-Z9	9IN	N/A		0.00												
					6	6							Pump 2	Q-Z9	9IN	N/A		0.00												
													Pump 3					0.00												
													Pump 4					0.00												
DRLLSTRG	SIZE	WEIGHT	GRADE	I.D.	TJ O.D.	THREAD	# JNTS	LENGTH	IN HOLE	ON RACK	REPAIRS	DRILL STRING REMARKS																		
ENGINES	LOCATION									NO.	DRILLING ASSEMBLY ( BHA )				O.D.	I.D.	LENGTH	DEVIATION SURVEYS												
	Co. No.																	DEPTH	INCL	AZM										
	HRS TODAY																													
	HRS ON WELL																													
	HRS LAST CHGE																													
	AVERAGE KVA																													
RIG FUEL	DELIVERED TODAY				BOILER			HOURS	FUEL USED																					
	On Hand		2583.00			TODAY																								
	Used Today		-246.00			WELL																								
	Used This Well		-2583.00			BOILER #																								
	Fuel Brand					BLOWDOWN VOLUMES																								
	DISTRIBUTOR																													
MUD MTR	SERIAL #	HRS LAST 24	TOTAL HRS	CUM. WELL HRS	FOOTAGE LAST 24	TOTAL FOOTAGE																								
RENTAL ITEMS	DESCRIPTION					DAY RT	STDBY	HLRY																						
REPORT REMARKS	used 246 gal of fuel										DEPTH DRILLED																			
											FROM	TO	CODE	RPM	W.O.B.															

PIONEER OILFIELD SERVICES, LLC										MORNING REPORT					DATE 20101029		RIG NO. 15	JOB TYPE	JOB NO.		WELL TYPE									
WELLNAME ADM Verification Well #1										LEGAL DESCRIPTION					SPUD DATE / TIME 09-23-10 12:30				DAYS FR SPUD 36		PROJECTED TD									
OPERATOR ADM (ARCHER DANIEL MIDLAND)										COUNTY / PARISH Macon				STATE IL	JOB START DATE 09-15-10 15:45			DAYS ON JOB 44		EST. RELEASE										
RIG MANAGER W WOOD					RIG PHONE NUMBER 618-943-0053			OPERATORS REPRESENTATIVE PT HUGHESR			CO. MAN PH NO.		RELEASE DATE / TIME			WEATHER CLOUDY/59 dg rain poss.														
OPERATIONS @ REPORT TIME cementing casing										OPERATIONS NEXT 24 HRS cementing casing																				
SAFETY	ACCIDENTS OR NEAR MISSES: none								# OF JSA's 3		RIG SAFETY DAYS 37		SAFETY RATE		G.P.S. COORDINATES N 39.8796 W -88.8934		BOP TEST DATE / PRESSURE 10/16/10/1100/250 PSIG													
	SAFETY MEETING TOPICS nipple up / tripping								# STOP CARDS		LAST MEETING DATE 9/24AT700				CROWN-O-MATIC CHECKED YES		BOP DRILL DATE / TIME													
	LAST INSPECTION		INSPECTION BY / TITLE			CREW M / U		EXTRA CREWS / WHY?				OFFICE NOTIFIED		MANHOURS PAST 24 90.00		BOP DRILL DATE / TIME														
OPS	CURRENT DEPTH		FOOTAGE LAST 24		PEN. RATE		ROT. HRS		MAX. GAS		BCKGR GAS		CONN. GAS		TRIP GAS		LAST CASING SIZE & SET DEPTH 13 3/8 350		RIG COSTS											
MUD	HOOKLOAD 109		PICKUP WEIGHT 109			SLACKOFF 109			ROTATING 109			ROTARY TORQUE			NEXT CASING SIZE & SET DEPTH		DAILY													
	Time 230		Mud Wt IN / OUT 8.9		Funnel Vis 41		PV		YLD PT		10 S GEL		10 M GEL		Fl. Loss		FILT CK		HTHP FL		HTTP FC		FUEL ADDED TO MUD TODAY CUM. 0.00		AVERAGE		0.00		0.00	
	Mud Type dispersed gel		% SOLIDS 6		% LCM 94		% SAND		% OIL		% H2O 95		pH 9.5		MF		PF		CALCIUM 64		CHLORIDES 6600		MUD COSTS DAILY 0.00 CUM. 132911.50		CUMULATIVE		0.00		0.00	
TIME LOG	CENTRIFUGES					SHAKER TYPE NATIONAL					SCREENS 210					CHANGED 2625.00		WATER SOURCE HYD		CUMULATIVE DAYS		36.0		36.0						
	FROM	TO	HRS	CODE	DETAILS OF OPERATIONS IN SEQUENCE															TIME BREAKDOWN		(Today / Well)								
	700	715	0.25	21	SAFETY MEETING															1: RIG UP / DOWN		0.5								
715	745	0.5	22	RUN STRAIGHT HOLE TOOL IN CASEING TO SEAT BOMB ( TOOL OPENED)															2: DRILLING		288.0									
745	1300	5.25	13	WAIT ON CEMENT&CIRC IN CASEING															3: REAMING		30.25									
1300	1500	2.0	12	RIG UP CEMENTERS AND CEMENT 9 5/8 caseing															4: CORING		54.5									
1500	1515	0.25	21	safety meeting															5: COND. & CIRC		56.5									
1515	1930	4.25	12	RUN CASING & CEMENT 9 5/8 2 stage															6: TRIPS		134.75									
1930	2300	3.5	14	NIPPLE UP B.O.P. pulling pipe tubs out and move v door															7: LUBRICATE RIG											
2300		0.0	14	getting ready for nipple up put bop and hydril on the base put center tub and															8: REPAIR RIG		26.75									
		0.0		center tub back in place															9: C/O DRILL LINE		1.5									
2300	2315	0.25	21	SAFETY MEETING															10: DEVIATION		10.75									
2315		0.0	14	NIPPLE UP B.O.P.															11: WIRELINE LOG		70.5									
																			12: RUN CSG & CMNT		6.25 21.75									
																			13: WAIT ON CEMENT		5.25 33.5									
																			14: NIPPLE UP BOP		3.5 21.0									
																			15: TEST BOP		5.75									
																			16: DRILL STEM TEST											
																			17: PLUGBACK		2.25									
																			18: SQUEEZE CMNT		1.5									
																			19: FISHING											
																			20: DIR. WORK											
																					0.75 21.0									
																					0.5 16.5									
																					3.5									
																			OTHER		0.0 6.75									
																			Total Hours		16.25 807.5									
BITS	BIT#	SIZE	TYPE	MAKE	SERIAL #	NOZZLES	IN @	OUT @	DRILLED	HRS	CUM. HRS	CONDITION	R O P																	
											0.00																			
											0.00																			
											0.00																			
											0.00																			
PUMPS	Depth	GPM	PRESSURE	Pump 1 Liner SPM	Pump 2 Liner SPM	Pump 3 Liner SPM	Pump 4 Liner SPM	Pump 1 Q-Z9	TYPE Q-Z9	STROKE 9IN	Manufacturer N/A	HRS	Total HRS	MAX PSI	SPR Kill Rate	KILL (SPM)														
				6	6			Pump 2 Q-Z9		9IN	N/A		0.00																	
								Pump 3					0.00																	
								Pump 4					0.00																	
DRLLSTRG	SIZE	WEIGHT	GRADE	I.D.	TJ O.D.	THREAD	# JNTS	LENGTH	IN HOLE	ON RACK	REPAIRS	DRILL STRING REMARKS																		
ENGINES	LOCATION								NO.	DRILLING ASSEMBLY ( BHA )			O.D.	I.D.	LENGTH	DEVIATION SURVEYS														
	Co. No.															DEPTH	INCL	AZM												
	HRS TODAY																													
	HRS ON WELL																													
	HRS LAST CHGE																													
RIG FUEL	DELIVERED TODAY																													
	On Hand	2173.00	BOILER	TODAY																										
	Used Today	410.00		WELL																										
	Used This Well	-2173.00		BOILER #																										
	Fuel Brand			BLOWDOWN VOLUMES																										
DISTRIBUTOR																														
MUD MTR	SERIAL #	HRS LAST 24	TOTAL HRS	CUM. WELL HRS	FOOTAGE LAST 24	TOTAL FOOTAGE																								
RENTAL ITEMS	DESCRIPTION					DAY RT	STDBY	HLRY																						
REPORT REMARKS	used 410 gal of fuel										DEPTH DRILLED																			
											FROM	TO	CODE	RPM	W.O.B.															



PIONEER OILFIELD SERVICES, LLC										MORNING REPORT					DATE 20101031		RIG NO. 15	JOB TYPE	JOB NO.		WELL TYPE	
WELLNAME ADM Verification Well #1										LEGAL DESCRIPTION					SPUD DATE / TIME 09-23-10 12:30				DAYS FR SPUD 38		PROJECTED TD	
OPERATOR ADM (ARCHER DANIEL MIDLAND)										COUNTY / PARISH Macon				STATE IL	JOB START DATE 09-15-10 15:45			DAYS ON JOB 46		EST. RELEASE		
RIG MANAGER W WOOD					RIG PHONE NUMBER 618-943-0053			OPERATORS REPRESENTATIVE PT HUGHESR			CO. MAN PH NO.		RELEASE DATE / TIME			WEATHER CLOUDY/45 dg						
OPERATIONS @ REPORT TIME displaceing fluid										OPERATIONS NEXT 24 HRS drilling shoe / tripping												
SAFETY	ACCIDENTS OR NEAR MISSES: none										# OF JSA's 3		RIG SAFETY DAYS 39		SAFETY RATE		G.P.S. COORDINATES N 39.8796 W -88.8934		BOP TEST DATE / PRESSURE 10/29/10/1100/250 PSIG			
	SAFETY MEETING TOPICS makeing conn/. mixing gel& chem										# STOP CARDS		LAST MEETING DATE 9/24AT700				CROWN-O-MATIC CHECKED YES		BOP DRILL DATE / TIME			
	LAST INSPECTION		INSPECTION BY / TITLE			CREW M / U		EXTRA CREWS / WHY?				OFFICE NOTIFIED		MANHOURS PAST 24 104.00		BOP DRILL DATE / TIME						
OPS	CURRENT DEPTH		FOOTAGE LAST 24		PEN. RATE		ROT. HRS		MAX. GAS		BCKGR GAS		CONN. GAS		TRIP GAS		LAST CASING SIZE & SET DEPTH		RIG COSTS			
	0		0		0.0		1.75										9 5/8 5320					
MUD	HOOKLOAD 109		PICKUP WEIGHT 109			SLACKOFF 109			ROTATING 109			ROTARY TORQUE			NEXT CASING SIZE & SET DEPTH				DAILY			
	Time	Mud Wt IN / OUT		Funnel Vis	PV	YLD PT	10 S GEL	10 M GEL	Fl. Loss	FILT CK	HTHP FL	HTTP FC	FUEL ADDED TO MUD		AVERAGE		0.00	0.00				
	Mud Type dispersed gel		% SOLIDS 6	% LCM 94	% SAND	% OIL	% H2O 95	pH 9.5	MF	PF	CALCIUM 64	CHLORIDES 6600	MUD COSTS		CUMULATIVE		0.00	0.00				
CENTRIFUGES					SHAKER TYPE NATIONAL					SCREENS 210			CHANGED 2625.00		WATER SOURCE HYD		CUMULATIVE DAYS		38.0	38.0		
TIME LOG	FROM	TO	HRS	CODE	DETAILS OF OPERATIONS IN SEQUENCE										TIME BREAKDOWN		(Today / Well)					
	700	715	0.25	21	safety meeting										1: RIG UP / DOWN		0.5					
	715	945	2.5	6	TRIP OUT OF HOLE TO CHECK STRING AND BIT										2: DRILLING		1.75	289.75				
	945	1045	1.0	22	TRY TO CHANGE SLIP DIES ( TAKE TO WEILDER)										3: REAMING			30.25				
	1045	1200	1.25	6	MAKE UP BIT /T.I.H WITH COLLARS/LAYDOWN 1 H.W D.P & PICK UP 1-6 IN D.C										4: CORING			54.5				
	1200	1400	2.0	22	WAIT ON SLIPS/ BREAK H.W D.P IN MOUSE HOLE & LAY IT DOWN										5: COND. & CIRC		6.0	62.5				
	1400	1500	1.0	22	CHANGE SLIP DIES										6: TRIPS		9.25	148.25				
	1500	1515	0.25	21	safety meeting										7: LUBRICATE RIG							
	1515	1700	1.75	23	welder cut slip dies out of slips										8: REPAIR RIG			26.75				
	1700	1745	0.75	6	lay down hwdp										9: C/O DRILL LINE			1.5				
	1745	2030	2.75	6	TRIPS in hole to 3830 cirll. hole strap in										10: DEVIATION			10.75				
	2030	2100	0.5	15	TEST B.O.P. close rams and test casing for ten min. @ 400 / 3830 ft										11: WIRELINE LOG			70.5				
	2100	2300	2.0	6	TRIP in hole to 5110										12: RUN CSG & CMNT			21.75				
	2300	2315	0.25	21	SAFETY MEETING										13: WAIT ON CEMENT			33.5				
	2315	0100	1.75	2	DRILL CEMENT										14: NIPPLE UP BOP			31.0				
	0100	0145	0.75	5	CIRCULATE + TEST BOP 10 MIN HELD										15: TEST BOP		0.5	7.5				
	0145	0215	0.5	5	CIRCULATE										16: DRILL STEM TEST							
	0215	0700	4.75	5	CLEAN AND FILL PITS										17: PLUGBACK			2.25				
															18: SQUEEZE CMNT			1.5				
															19: FISHING							
															20: DIR. WORK							
																	0.75	22.5				
																	4.0	21.0				
																1.75	5.25					
														OTHER		0.0	6.75					
														Total Hours		24.0	848.25					
BITS	BIT#	SIZE	TYPE	MAKE	SERIAL #	NOZZLES		IN @	OUT @	DRILLED	HRS	CUM. HRS	CONDITION	R O P								
	9	8 1/2	GX44CDX	HTC	6070082	3x12		5320														
	9	8 1/2	GX44	HTC	6070082	3X12		5320														
												0.00										
												0.00										
PUMPS	Depth		GPM	PRESSURE	Pump 1		Pump 2		Pump 3		Pump 4		TYPE	STROKE	Manufacturer	HRS	Total HRS	MAX PSI	SPR Kill Rate	KILL (SPM)		
					Liner	SPM	Liner	SPM	Liner	SPM	Liner	SPM	Pump 1	Q-Z9	9IN	N/A		0.00				
					6		6						Pump 2	Q-Z9	9IN	N/A		0.00				
													Pump 3					0.00				
													Pump 4					0.00				
DRLLSTRG	SIZE	WEIGHT	GRADE	I.D.	TJ O.D.	THREAD	# JNTS	LENGTH	IN HOLE	ON RACK	REPAIRS	DRILL STRING REMARKS										
ENGINES	LOCATION									NO.	DRILLING ASSEMBLY ( BHA )			O.D.	I.D.	LENGTH	DEVIATION SURVEYS					
	Co. No.																DEPTH	INCL	AZM			
	HRS TODAY																					
	HRS ON WELL																					
	HRS LAST CHGE																					
	AVERAGE KVA																					
RIG FUEL	DELIVERED TODAY				BOILER	HOURS		FUEL USED														
	On Hand		2542.00			TODAY																
	Used Today		-41.00			WELL																
	Used This Well		-2542.00			BOILER #																
	Fuel Brand					BLOWDOWN VOLUMES																
	DISTRIBUTOR																					
MUD MTR	SERIAL #	HRS LAST 24	TOTAL HRS	CUM. WELL HRS	FOOTAGE LAST 24	TOTAL FOOTAGE																
RENTAL ITEMS	DESCRIPTION					DAY RT	STDBY	HLRY														
REPORT REMARKS	used 328 gal of fuel										DEPTH DRILLED											
											FROM	TO	CODE	RPM	W.O.B.							
8:30 pm tested float collar @ 3830																						

PIONEER OILFIELD SERVICES, LLC										MORNING REPORT					DATE 20101101		RIG NO. 15	JOB TYPE	JOB NO.		WELL TYPE	
WELLNAME ADM Verification Well #1										LEGAL DESCRIPTION					SPUD DATE / TIME 09-23-10 12:30				DAYS FR SPUD 39		PROJECTED TD	
OPERATOR ADM (ARCHER DANIEL MIDLAND)										COUNTY / PARISH Macon				STATE IL	JOB START DATE 09-15-10 15:45			DAYS ON JOB 47		EST. RELEASE		
RIG MANAGER W WOOD					RIG PHONE NUMBER 618-943-0053			OPERATORS REPRESENTATIVE PT HUGHESR			CO. MAN PH NO.		RELEASE DATE / TIME			WEATHER CLOUDY/39 dg						
OPERATIONS @ REPORT TIME circulateing for core										OPERATIONS NEXT 24 HRS circulateing / tripping / coreing												
SAFETY	ACCIDENTS OR NEAR MISSES: none										# OF JSA's 3		RIG SAFETY DAYS 40		SAFETY RATE		G.P.S. COORDINATES N 39.8796 W -88.8934		BOP TEST DATE / PRESSURE 10/29/10/1100/250 PSIG			
	SAFETY MEETING TOPICS tripping / coreing										# STOP CARDS		LAST MEETING DATE 9/24AT700				CROWN-O-MATIC CHECKED YES		BOP DRILL DATE / TIME			
	LAST INSPECTION		INSPECTION BY / TITLE			CREW M / U		EXTRA CREWS / WHY?				OFFICE NOTIFIED		MANHOURS PAST 24 112.00		BOP DRILL DATE / TIME						
OPS	CURRENT DEPTH 5425		FOOTAGE LAST 24 105.00		PEN. RATE 678.125		ROT. HRS 8.0		MAX. GAS	BCKGR GAS	CONN. GAS	TRIP GAS	LAST CASING SIZE & SET DEPTH 13 3/8 350		RIG COSTS							
	HOOKLOAD 109		PICKUP WEIGHT 109		SLACKOFF 109		ROTATING 109		ROTARY TORQUE			NEXT CASING SIZE & SET DEPTH		DAILY	S & R	RENTAL						
MUD	Time 0530	Mud Wt IN / OUT 8.9		Funnel Vis 42	PV 47	YLD PT 11	10 S GEL 4	10 M GEL 8	Fl. Loss	FILT CK 1/32	HTHP FL	HTTP FC	FUEL ADDED TO MUD TODAY CUM. 0.00		AVERAGE	0.00	0.00					
	Mud Type salt gel		% SOLIDS 4	% LCM	% SAND	% OIL	% H2O 96	pH 10.5	MF	PF	CALCIUM	CHLORIDES 13500	MUD COSTS DAILY 30360.50 CUM. 163272.00		CUMULATIVE	0.00	0.00					
	CENTRIFUGES				SHAKER TYPE NATIONAL				SCREENS 210			CHANGED 2625.00		WATER SOURCE HYD	CUMULATIVE DAYS	39.0	39.0					
TIME LOG	FROM	TO	HRS	CODE	DETAILS OF OPERATIONS IN SEQUENCE										TIME BREAKDOWN		(Today / Well)					
	700	715	0.25	21	SAFETY MEETING										1: RIG UP / DOWN		8.0	0.5				
	715	1500	7.75	5	DISPLACE FLUID IN HOLE & MUD UP										2: DRILLING		8.0	297.75				
	1500	1515	0.25	21	SAFETY MEETING										3: REAMING			30.25				
	1515	2015	5.0	5	CONDITION MUD & CIRCULATE PUMP OUT RESERVE PIT PICK UP PIPE MOVE PIPE RACKS										4: CORING			54.5				
	2015	2045	0.5	2	DRILL FROM 5310 TO 5313										5: COND. & CIRC		14.25	76.75				
	2045	2130	0.75	2	DRILL SHOE @ 5313 TO 5321										6: TRIPS			148.25				
	2130	2215	0.75	5	CONDITION MUD & CIRCULATE @ 5321										7: LUBRICATE RIG							
	2215	2300	0.75	14	DRILLED TO 5325 FT PU INSIDE CSG FRANKLIN PRESSURE TESTING CASING TO 300 PSI FOR 30 MIN. ( 9.9PPG EQ @ SHOE ) SHOE HELD										8: REPAIR RIG			26.75				
															9: C/O DRILL LINE			1.5				
	2300	2315	0.25	21	SAFETY MEETING										10: DEVIATION			10.75				
	2315	2330	0.25	15	CONTINUE FIT TEST										11: WIRELINE LOG			70.5				
	2330	0615	6.75	2	DRILL FROM 5321- 5425										12: RUN CSG & CMNT			21.75				
	0615	0700	0.75	5	CONDITION MUD & CIRCULATE FOR CORE										13: WAIT ON CEMENT			33.5				
															14: NIPPLE UP BOP		0.75	31.75				
															15: TEST BOP		0.25	7.75				
															16: DRILL STEM TEST							
															17: PLUGBACK			2.25				
															18: SQUEEZE CMNT			1.5				
															19: FISHING							
															20: DIR. WORK							
																	0.75	23.25				
																	21.0					
																	5.25					
														OTHER		0.0	6.75					
														Total Hours		24.0	872.25					
BITS	BIT#	SIZE	TYPE	MAKE	SERIAL #	NOZZLES		IN @	OUT @	DRILLED	HRS	CUM. HRS	CONDITION	R O P								
	9	8 1/2	GX44	HTC	6070082	3X12		5320				0.00										
	9	8 1/2	GX44	HTC	6070082	3X12		5320				0.00										
	9	8 1/2	GX44	HTC	6070082	3X12		5320				0.00										
PUMPS	Depth		GPM	PRESSURE	Pump 1		Pump 2		Pump 3		Pump 4			TYPE	STROKE	Manufacturer	HRS	Total HRS	MAX PSI	SPR Kill Rate	KILL (SPM)	
					Liner	SPM	Liner	SPM	Liner	SPM	Liner	SPM	Pump 1	Q-Z9	9IN	N/A		0.00				
				1350	6	50	6	50					Pump 2	Q-Z9	9IN	N/A		0.00				
													Pump 3					0.00				
													Pump 4					0.00				
DRLLSTRG	SIZE	WEIGHT	GRADE	I.D.	TJ O.D.	THREAD	# JNTS	LENGTH	IN HOLE	ON RACK	REPAIRS	DRILL STRING REMARKS										
ENGINES	LOCATION										NO.	DRILLING ASSEMBLY ( BHA )			O.D.	I.D.	LENGTH	DEVIATION SURVEYS				
	Co. No.										1	KELLY					42	DEPTH	INCL	AZM		
	HRS TODAY										1	BIT					43					
	HRS ON WELL										6	D.C.					601.24					
	HRS LAST CHGE																					
RIG FUEL	DELIVERED TODAY				BOILER			HOURS		FUEL USED												
	On Hand		1927.00			TODAY																
	Used Today		615.00			WELL																
	Used This Well		-1927.00			BOILER #																
	Fuel Brand					BLOWDOWN VOLUMES																
MUD MTR	SERIAL #	HRS LAST 24	TOTAL HRS	CUM. WELL HRS	FOOTAGE LAST 24	TOTAL FOOTAGE																
RENTAL ITEMS	DESCRIPTION					DAY RT	STDBY	HLRY														
REPORT REMARKS	used 615 gal of fuel												DEPTH DRILLED									
													FROM	TO	CODE	RPM	W.O.B.					
	PREP TO POOH TO CORE @ 0700												5310	5321								
													5321	5425		50	45					

PIONEER OILFIELD SERVICES, LLC										MORNING REPORT					DATE 20101102		RIG NO. 15	JOB TYPE	JOB NO.		WELL TYPE									
WELLNAME ADM Verification Well #1										LEGAL DESCRIPTION					SPUD DATE / TIME 09-23-10 12:30				DAYS FR SPUD 40		PROJECTED TD									
OPERATOR ADM (ARCHER DANIEL MIDLAND)										COUNTY / PARISH Macon				STATE IL	JOB START DATE 09-15-10 15:45			DAYS ON JOB 48		EST. RELEASE										
RIG MANAGER W WOOD					RIG PHONE NUMBER 618-943-0053			OPERATORS REPRESENTATIVE PT HUGHESR			CO. MAN PH NO.		RELEASE DATE / TIME			WEATHER CLOUDY/39 dg														
OPERATIONS @ REPORT TIME tripping out of hole with core # 7										OPERATIONS NEXT 24 HRS circulateing / tripping / coreing																				
SAFETY	ACCIDENTS OR NEAR MISSES: none								# OF JSA's 3		RIG SAFETY DAYS 41		SAFETY RATE		G.P.S. COORDINATES N 39.8796 W -88.8934		BOP TEST DATE / PRESSURE 10/29/10/1100/250 PSIG													
	SAFETY MEETING TOPICS tripping / laying down core								# STOP CARDS		LAST MEETING DATE 9/24AT700				CROWN-O-MATIC CHECKED YES		BOP DRILL DATE / TIME													
	LAST INSPECTION		INSPECTION BY / TITLE			CREW M / U		EXTRA CREWS / WHY?				OFFICE NOTIFIED		MANHOURS PAST 24 112.00		BOP DRILL DATE / TIME														
OPS	CURRENT DEPTH		FOOTAGE LAST 24		PEN. RATE		ROT. HRS		MAX. GAS		BCKGR GAS		CONN. GAS		TRIP GAS		LAST CASING SIZE & SET DEPTH 9 5/8 5320		RIG COSTS											
	HOOKLOAD 109		PICKUP WEIGHT 109		SLACKOFF 109		ROTATING 109		ROTARY TORQUE				NEXT CASING SIZE & SET DEPTH		DAILY		S & R		RENTAL											
MUD	Time 0500		Mud Wt IN / OUT 9.0		Funnel Vis 41		PV		YLD PT		10 S GEL		10 M GEL		Fl. Loss		FILT CK		HTHP FL		HTTP FC		FUEL ADDED TO MUD TODAY CUM. 0.00		AVERAGE		0.00		0.00	
	Mud Type salt gel		% SOLIDS 4		% LCM		% SAND		% OIL		% H2O 96		pH 10.5		MF		PF		CALCIUM		CHLORIDES 13500		MUD COSTS DAILY 6000.50 CUM. 169272.50		CUMULATIVE		0.00		0.00	
	CENTRIFUGES				SHAKER TYPE NATIONAL				SCREENS 210				CHANGED 2625.00		WATER SOURCE HYD		CUMULATIVE DAYS 40.0		40.0		40.0									
TIME LOG	FROM	TO	HRS	CODE	DETAILS OF OPERATIONS IN SEQUENCE																	TIME BREAKDOWN		(Today / Well)						
	700	715	0.25	21	safety meeting																	1: RIG UP / DOWN		0.5						
	715	745	0.5	5	circulate for trip																	2: DRILLING		297.75						
	745	1045	3.0	6	T.O.O.H FOR CORE																	3: REAMING		30.25						
	1045	1130	0.75	6	LAY DOWN 3 STANDS D.P																	4: CORING		7.5 62.0						
	1130	1200	0.5	6	T.O.O.H WITH COLLARS AND BREAK BIT																	5: COND. & CIRC		0.5 77.25						
	1200	1500	3.0	4	PICK UP CORE BARRELL AND MAKE UP																	6: TRIPS		7.5 155.75						
	1500	1515	0.25	21	SAFETY MEETING																	7: LUBRICATE RIG								
	1515	1830	3.25	6	TRIP IN HOLE W/ 60FT CORE BARREL																	8: REPAIR RIG		26.75						
	1830	2300	4.5	4	CORING FROM 5425 TO 5449																	9: C/O DRILL LINE		1.5						
	2300	2315	0.25	21	SAFETY MEETING																	10: DEVIATION		10.75						
	2315	700	7.75	4	CORING #7																	11: WIRELINE LOG		70.5						
																						12: RUN CSG & CMNT		21.75						
																						13: WAIT ON CEMENT		33.5						
																						14: NIPPLE UP BOP		31.75						
																						15: TEST BOP		7.75						
																						16: DRILL STEM TEST								
																						17: PLUGBACK		2.25						
																						18: SQUEEZE CMNT		1.5						
																						19: FISHING								
																						20: DIR. WORK								
																								0.75 24.0						
																								21.0						
																							5.25							
																					OTHER		6.75							
																					Total Hours		16.25 888.5							
BITS	BIT#	SIZE	TYPE	MAKE	SERIAL #	NOZZLES				IN @	OUT @	DRILLED	HRS	CUM. HRS	CONDITION		R O P													
	9	8 1/2	GX44	HTC	6070082	3X12				5320				0.00																
	9	8 1/2	GX44	HTC	6070082	3X12				5320				0.00																
													0.00																	
													0.00																	
PUMPS	Depth		GPM	PRESSURE	Pump 1		Pump 2		Pump 3		Pump 4			TYPE	STROKE	Manufacturer	HRS	Total HRS	MAX PSI	SPR Kill Rate	KILL (SPM)									
					Liner	SPM	Liner	SPM	Liner	SPM	Liner	SPM	Pump 1	Q-Z9	9IN	N/A		0.00												
				838	6	50	6	50					Pump 2	Q-Z9	9IN	N/A		0.00												
													Pump 3					0.00												
													Pump 4					0.00												
DRLLSTRG	SIZE	WEIGHT	GRADE	I.D.	TJ O.D.	THREAD	# JNTS	LENGTH	IN HOLE	ON RACK	REPAIRS	DRILL STRING REMARKS																		
ENGINES	LOCATION									NO.	DRILLING ASSEMBLY ( BHA )				O.D.	I.D.	LENGTH	DEVIATION SURVEYS												
	Co. No.									1	KELLY						42	DEPTH	INCL	AZM										
	HRS TODAY									1	BIT						43													
	HRS ON WELL									6	D.C.						601.24													
	HRS LAST CHGE																													
	AVERAGE KVA																													
RIG FUEL	DELIVERED TODAY				BOILER			HOURS	FUEL USED																					
	On Hand		1394.00			TODAY																								
	Used Today		533.00			WELL																								
	Used This Well		-1394.00			BOILER #																								
	Fuel Brand					BLOWDOWN VOLUMES																								
	DISTRIBUTOR																													
MUD MTR	SERIAL #	HRS LAST 24	TOTAL HRS	CUM. WELL HRS	FOOTAGE LAST 24	TOTAL FOOTAGE																								
RENTAL ITEMS	DESCRIPTION					DAY RT	STDBY	HLRY																						
REPORT REMARKS	used 533 gal of fuel										DEPTH DRILLED																			
											FROM	TO	CODE	RPM	W.O.B.															
											5425																			
											5449			45	08															



PIONEER OILFIELD SERVICES, LLC										MORNING REPORT					DATE 20101103		RIG NO. 15	JOB TYPE	JOB NO.		WELL TYPE	
WELLNAME ADM Verification Well #1										LEGAL DESCRIPTION					SPUD DATE / TIME 09-23-10 12:30				DAYS FR SPUD 41		PROJECTED TD	
OPERATOR ADM (ARCHER DANIEL MIDLAND)										COUNTY / PARISH Macon				STATE IL	JOB START DATE 09-15-10 15:45			DAYS ON JOB 49		EST. RELEASE		
RIG MANAGER W WOOD					RIG PHONE NUMBER 618-943-0053			OPERATORS REPRESENTATIVE PT HUGHESR			CO. MAN PH NO.		RELEASE DATE / TIME			WEATHER CLOUDY/30 dg						
OPERATIONS @ REPORT TIME tripping in hole										OPERATIONS NEXT 24 HRS / tripping / coreing												
SAFETY	ACCIDENTS OR NEAR MISSES: NONE										# OF JSA's 3		RIG SAFETY DAYS 42		SAFETY RATE		G.P.S. COORDINATES N 39.8796 W -88.8934		BOP TEST DATE / PRESSURE 10/29/10/1100/250 PSIG			
	SAFETY MEETING TOPICS COREING										# STOP CARDS		LAST MEETING DATE 9/24AT700				CROWN-O-MATIC CHECKED YES		BOP DRILL DATE / TIME			
	LAST INSPECTION		INSPECTION BY / TITLE			CREW M / U		EXTRA CREWS / WHY?				OFFICE NOTIFIED		MANHOURS PAST 24 64.00		BOP DRILL DATE / TIME						
OPS	CURRENT DEPTH 5514		FOOTAGE LAST 24 5514		PEN. RATE 0.0		ROT. HRS		MAX. GAS		BCKGR GAS		CONN. GAS		TRIP GAS		LAST CASING SIZE & SET DEPTH 9 5/8 5320		RIG COSTS			
	HOOKLOAD 109		PICKUP WEIGHT 109			SLACKOFF 109		ROTATING 109		ROTARY TORQUE				NEXT CASING SIZE & SET DEPTH				DAILY	S & R	RENTAL		
MUD	Time 11	Mud Wt IN / OUT 9.0		Funnel Vis 42	PV 14	YLD PT 6	10 S GEL 3	10 M GEL 5	Fl. Loss 7.8	FILT CK 1/32	HTHP FL		HTTP FC		FUEL ADDED TO MUD TODAY CUM. 0.00		AVERAGE	0.00	0.00			
	Mud Type salt gel		% SOLIDS 5	% LCM	% SAND	% OIL	% H2O 95	pH 10.	MF .43	PF .20	CALCIUM 14200		MUD COSTS DAILY 0.00 CUM. 169272.50		CUMULATIVE	0.00	0.00					
	CENTRIFUGES				SHAKER TYPE NATIONAL				SCREENS 210				CHANGED 2625.00		WATER SOURCE HYD		CUMULATIVE DAYS	41.0	41.0			
TIME LOG	FROM	TO	HRS	CODE	DETAILS OF OPERATIONS IN SEQUENCE										TIME BREAKDOWN		(Today / Well)					
	700	715	0.25	21	safety meeting										1: RIG UP / DOWN		0.5					
	715	1000	2.75	6	t.o.o.h with core #7 ( 59 ft recovered )										2: DRILLING		297.75					
	1000	1300	3.0	4	lay down core / jars / pick up inner barrells/ new jars										3: REAMING		7.0 37.25					
	1300	1500	2.0	6	trip in hole with core barrell										4: CORING		3.0 65.0					
	1500	1515	0.25	21	safety meeting										5: COND. & CIRC		77.25					
	1515	1600	0.75	6	TRIP in hole w/ 60 ft. core barrel to 5485										6: TRIPS		5.5 161.25					
	1600	2300	7.0	4	CORE FROM 5485 TO 5514										7: LUBRICATE RIG							
	2300	2315	0.25	21	SAFETY MEETING										8: REPAIR RIG		26.75					
	2315	230	3.25	6	P.O.O.H										9: C/O DRILL LINE		1.5					
	230	430	2.0	4	LAY DOWN CORE 29 FT RECOVERED										10: DEVIATION		10.75					
	430	700	2.5	6	TRIP IN HOLE WITH CORE BARRELL										11: WIRELINE LOG		70.5					
															12: RUN CSG & CMNT		21.75					
															13: WAIT ON CEMENT		33.5					
															14: NIPPLE UP BOP		31.75					
															15: TEST BOP		7.75					
															16: DRILL STEM TEST							
															17: PLUGBACK		2.25					
															18: SQUEEZE CMNT		1.5					
															19: FISHING							
															20: DIR. WORK							
																	0.75 24.75					
																	21.0					
																	5.25					
														OTHER		6.75						
														Total Hours		16.25 904.75						
BITS	BIT#	SIZE	TYPE	MAKE	SERIAL #	NOZZLES		IN @	OUT @	DRILLED	HRS	CUM. HRS	CONDITION	R O P								
	9	8 1/2	GX44	HTC	6070082	3X12		5320				0.00										
												0.00										
												0.00										
												0.00										
PUMPS	Depth		GPM	PRESSURE	Pump 1 Liner SPM		Pump 2 Liner SPM		Pump 3 Liner SPM		Pump 4 Liner SPM			TYPE	STROKE	Manufacturer	HRS	Total HRS	MAX PSI	SPR Kill Rate	KILL (SPM)	
			376	1146	6	60	6	60					Pump 1	Q-Z9	9IN	N/A		0.00				
													Pump 2	Q-Z9	9IN	N/A		0.00				
													Pump 3					0.00				
													Pump 4					0.00				
DRLLSTRG	SIZE	WEIGHT	GRADE	I.D.	TJ O.D.	THREAD	# JNTS	LENGTH	IN HOLE	ON RACK	REPAIRS	DRILL STRING REMARKS										
ENGINES	LOCATION									NO.	DRILLING ASSEMBLY ( BHA )				O.D.	I.D.	LENGTH	DEVIATION SURVEYS				
	Co. No.																	DEPTH	INCL	AZM		
	HRS TODAY																					
	HRS ON WELL																					
	HRS LAST CHGE																					
	AVERAGE KVA																					
RIG FUEL	DELIVERED TODAY				BOILER			HOURS		FUEL USED												
	On Hand		2419.00			TODAY																
	Used Today		-1025.00			WELL																
	Used This Well		-2419.00			BOILER #																
	Fuel Brand					BLOWDOWN VOLUMES																
	DISTRIBUTOR																					
MUD MTR	SERIAL #	HRS LAST 24	TOTAL HRS	CUM. WELL HRS	FOOTAGE LAST 24	TOTAL FOOTAGE																
RENTAL ITEMS	DESCRIPTION					DAY RT	STDBY	HLRY														
REPORT REMARKS	USED 410 GAL OF FUEL												DEPTH DRILLED									
													FROM	TO	CODE	RPM	W.O.B.					
													5485	5514	C	41	10					

PIONEER OILFIELD SERVICES, LLC										MORNING REPORT					DATE 20101104		RIG NO. 15	JOB TYPE	JOB NO.		WELL TYPE	
WELLNAME ADM Verification Well #1							LEGAL DESCRIPTION							SPUD DATE / TIME 09-23-10 12:30				DAYS FR SPUD 42		PROJECTED TD		
OPERATOR ADM (ARCHER DANIEL MIDLAND)							COUNTY / PARISH Macon					STATE IL	JOB START DATE 09-15-10 15:45			DAYS ON JOB 50		EST. RELEASE				
RIG MANAGER W WOOD				RIG PHONE NUMBER 618-943-0053			OPERATORS REPRESENTATIVE PT HUGHESR				CO. MAN PH NO.		RELEASE DATE / TIME			WEATHER CLOUDY/42 dg / breezy						
OPERATIONS @ REPORT TIME drilling										OPERATIONS NEXT 24 HRS drilling/ tripping / coreing												
SAFETY	ACCIDENTS OR NEAR MISSES: none							# OF JSA's 3		RIG SAFETY DAYS 43		SAFETY RATE		G.P.S. COORDINATES N 39.8796 W -88.8934			BOP TEST DATE / PRESSURE 10/29/10/1100/250 PSIG					
	SAFETY MEETING TOPICS drilling/ makeing conn / mix gel & chem							# STOP CARDS		LAST MEETING DATE 9/24AT700				CROWN-O-MATIC CHECKED YES			BOP DRILL DATE / TIME					
	LAST INSPECTION		INSPECTION BY / TITLE			CREW M / U		EXTRA CREWS / WHY?					OFFICE NOTIFIED		MANHOURS PAST 24 104.00		BOP DRILL DATE / TIME					
OPS	CURRENT DEPTH 5563		FOOTAGE LAST 24 49		PEN. RATE 7.0		ROT. HRS 7.0		MAX. GAS		BCKGR GAS		CONN. GAS		TRIP GAS		LAST CASING SIZE & SET DEPTH 9 5/8 5320			RIG COSTS		
	HOOKLOAD 135		PICKUP WEIGHT 135			SLACKOFF 135			ROTATING 135		ROTARY TORQUE				NEXT CASING SIZE & SET DEPTH			DAILY	S & R	RENTAL		
MUD	Time 0530	Mud Wt IN / OUT 9.0		Funnel Vis 42	PV 15	YLD PT 5	10 S GEL 3	10 M GEL 5	Fl. Loss 5.6	FILT CK 1/32	HTHP FL		HTTP FC		FUEL ADDED TO MUD TODAY CUM. 0.00			AVERAGE	0.00	0.00		
	Mud Type salt gel		% SOLIDS 5	% LCM	% SAND	% OIL	% H2O 95	pH 10.	MF .23	PF .50	CALCIUM		CHLORIDES 14000		MUD COSTS DAILY 2066.00 CUM. 171338.50			CUMULATIVE	0.00	0.00		
	CENTRIFUGES				SHAKER TYPE NATIONAL					SCREENS 210			CHANGED 2625.00		WATER SOURCE HYD		CUMULATIVE DAYS	42.0	42.0			
TIME LOG	FROM	TO	HRS	CODE	DETAILS OF OPERATIONS IN SEQUENCE										TIME BREAKDOWN		(Today / Well)					
	700	715	0.25	21	safety meeting										1: RIG UP / DOWN			0.5				
	715	745	0.5	4	kelly up wash to bottom / pick up drop ball / pick up pup joint										2: DRILLING		7.0	304.75				
	745	1415	6.5	4	core from 5513 to5563										3: REAMING		0.75	38.0				
	1415	1500	0.75	6	t.o.o.h with core #9										4: CORING		10.0	75.0				
	1500	1515	0.25	21	safety meeting										5: COND. & CIRC			77.25				
	1515	1830	3.25	6	t o h w core barrel										6: TRIPS		5.5	166.75				
	1830	2130	3.0	4	lay core barrel down ( 43 ft recovered )										7: LUBRICATE RIG							
	2130	2300	1.5	6	TRIP in hole w/ 81/2 bit										8: REPAIR RIG			26.75				
	2300	2315	0.25	21	SAFETY MEETING										9: C/O DRILL LINE			1.5				
	2315	0000	0.75	3	REAM THREE JOINTS TO BOTTOM										10: DEVIATION			10.75				
	0000	0700	7.0	2	DRILL FROM 5563-										11: WIRELINE LOG			70.5				
															12: RUN CSG & CMNT			21.75				
															13: WAIT ON CEMENT			33.5				
															14: NIPPLE UP BOP			31.75				
															15: TEST BOP			7.75				
															16: DRILL STEM TEST							
															17: PLUGBACK			2.25				
															18: SQUEEZE CMNT			1.5				
															19: FISHING							
															20: DIR. WORK							
																	0.75	25.5				
																		21.0				
																		5.25				
														OTHER			6.75					
														Total Hours		24.0	928.75					
BITS	BIT#	SIZE	TYPE	MAKE	SERIAL #	NOZZLES	IN @	OUT @	DRILLED	HRS	CUM. HRS	CONDITION	R O P									
											0.00											
											0.00											
											0.00											
											0.00											
PUMPS	Depth	GPM	PRESSURE	Pump 1 Liner SPM	Pump 2 Liner SPM	Pump 3 Liner SPM	Pump 4 Liner SPM		TYPE	STROKE	Manufacturer	HRS	Total HRS	MAX PSI	SPR Kill Rate	KILL (SPM)						
	5513 - 5563		750	6 92	6				Pump 1 Q-Z9	9IN	N/A		0.00									
	5563 -			6	6				Pump 2 Q-Z9	9IN	N/A		0.00									
				6					Pump 3				0.00									
			1370	6 50	6 50				Pump 4				0.00									
DRLLSTRG	SIZE	WEIGHT	GRADE	I.D.	TJ O.D.	THREAD	# JNTS	LENGTH	IN HOLE	ON RACK	REPAIRS	DRILL STRING REMARKS										
ENGINES	LOCATION								NO.	DRILLING ASSEMBLY ( BHA )			O.D.	I.D.	LENGTH	DEVIATION SURVEYS						
	Co. No.															DEPTH	INCL	AZM				
	HRS TODAY																					
	HRS ON WELL																					
	HRS LAST CHGE																					
	AVERAGE KVA																					
RIG FUEL	DELIVERED TODAY			BOILER		HOURS	FUEL USED															
	On Hand	1845.00	TODAY																			
	Used Today	574.00	WELL																			
	Used This Well	-1845.00	BOILER #																			
	Fuel Brand		BLOWDOWN VOLUMES																			
	DISTRIBUTOR																					
MUD MTR	SERIAL #	HRS LAST 24	TOTAL HRS	CUM. WELL HRS	FOOTAGE LAST 24	TOTAL FOOTAGE																
RENTAL ITEMS	DESCRIPTION					DAY RT	STDBY	HLRY														
REPORT REMARKS	used 574 gal of fuel										DEPTH DRILLED											
											FROM	TO	CODE	RPM	W.O.B.							
	received 5 1/2 J-55 casing										5513	5563	C	50	10							
											5563			60	42							
	expecting chrome casing																					

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PIONEER OILFIELD SERVICES, LLC										MORNING REPORT					DATE 20101105		RIG NO. 15	JOB TYPE	JOB NO.		WELL TYPE	
WELLNAME ADM Verification Well #1										LEGAL DESCRIPTION					SPUD DATE / TIME 09-23-10 12:30				DAYS FR SPUD 43		PROJECTED TD	
OPERATOR ADM (ARCHER DANIEL MIDLAND)										COUNTY / PARISH Macon				STATE IL	JOB START DATE 09-15-10 15:45			DAYS ON JOB 51		EST. RELEASE		
RIG MANAGER W WOOD					RIG PHONE NUMBER 618-943-0053			OPERATORS REPRESENTATIVE PT HUGHESR			CO. MAN PH NO.		RELEASE DATE / TIME			WEATHER CLOUDY/42 dg / breezy						
OPERATIONS @ REPORT TIME PICKING UP CORE BARRELL										OPERATIONS NEXT 24 HRS drilling/ tripping / coreing												
SAFETY	ACCIDENTS OR NEAR MISSES: NONE										# OF JSA's 3		RIG SAFETY DAYS 44		SAFETY RATE		G.P.S. COORDINATES N 39.8796 W -88.8934		BOP TEST DATE / PRESSURE 10/29/10/1100/250 PSIG			
	SAFETY MEETING TOPICS TRIPPING / COREING										# STOP CARDS		LAST MEETING DATE 9/24AT700			CROWN-O-MATIC CHECKED YES		BOP DRILL DATE / TIME				
	LAST INSPECTION		INSPECTION BY / TITLE			CREW M / U		EXTRA CREWS / WHY?					OFFICE NOTIFIED		MANHOURS PAST 24 64.00		BOP DRILL DATE / TIME					
OPS	CURRENT DEPTH 5930		FOOTAGE LAST 24 367		PEN. RATE 23.302		ROT. HRS 15.75		MAX. GAS		BCKGR GAS		CONN. GAS		TRIP GAS		LAST CASING SIZE & SET DEPTH 13 3/8 350		RIG COSTS			
	HOOKLOAD 135		PICKUP WEIGHT 135		SLACKOFF 135		ROTATING 135		ROTARY TORQUE			NEXT CASING SIZE & SET DEPTH		DAILY		S & R		RENTAL				
MUD	Time 7	Mud Wt IN / OUT 9.1		Funnel Vis 63	PV 17	YLD PT 16	10 S GEL 12	10 M GEL 21	Fl. Loss	FILT CK 1/32	HTHP FL	HTTP FC	FUEL ADDED TO MUD TODAY CUM. 0.00		AVERAGE		0.00		0.00			
	Mud Type salt gel		% SOLIDS 6	% LCM	% SAND	% OIL	% H2O 94	pH 10.5	MF 1.22	PF .62	CALCIUM	CHLORIDES 11200	MUD COSTS DAILY 1820.50 CUM. 173159.00		CUMULATIVE		0.00		0.00			
	CENTRIFUGES				SHAKER TYPE NATIONAL					SCREENS 210			CHANGED 2625.00		WATER SOURCE HYD		CUMULATIVE DAYS 43.0		43.0			
TIME LOG	FROM	TO	HRS	CODE	DETAILS OF OPERATIONS IN SEQUENCE										TIME BREAKDOWN		(Today / Well)					
	700	715	0.25	21	SAFETY MEETING										1: RIG UP / DOWN		0.5					
	715	1500	7.75	2	DRILL ACTUAL FROM 5690 TO5805										2: DRILLING		15.75 320.5					
	1500	1515	0.25	21	SAFETY MEETING										3: REAMING		38.0					
	1515	2300	7.75	2	DRILL FROM 5805 TO 5913										4: CORING		.5 75.0					
	2300	2315	0.25	21	SAFETY MEETING										5: COND. & CIRC		1.5 78.75					
	2315	2330	0.25	2	DRILL FROM 5913-5930										6: TRIPS		4.75 168.25					
	2330	0100	1.5	6	CIRC FOR CORE+ SHORT TRIP 6 STANDS										7: LUBRICATE RIG							
	0100	0230	1.5	5	CONDITION MUD & CIRCULATE										8: REPAIR RIG		26.75					
	0230	0315	0.75	10	DEVIATION SURVEY 3/4										9: C/O DRILL LINE		1.5					
	0315	0630	3.25	6	P.O.O.H FOR CORE										10: DEVIATION		0.75 11.5					
	0630	0700	.5	4	PICK UP CORE BARRELL AND MAKE UP BIT										11: WIRELINE LOG		70.5					
															12: RUN CSG & CMNT		21.75					
															13: WAIT ON CEMENT		33.5					
															14: NIPPLE UP BOP		31.75					
															15: TEST BOP		7.75					
															16: DRILL STEM TEST							
															17: PLUGBACK		2.25					
															18: SQUEEZE CMNT		1.5					
															19: FISHING							
															20: DIR. WORK							
																	0.75 26.25					
																	21.0					
																	5.25					
														OTHER		6.75						
														Total Hours		24 949.0						
BITS	BIT#	SIZE	TYPE	MAKE	SERIAL #	NOZZLES		IN @	OUT @	DRILLED	HRS	CUM. HRS	CONDITION	R O P								
	9	8 1/2	GX44	HTC	6070082	3x12		5320														
	9	8 1/2	GX44	HTC	6070082	3x12		5320														
												0.00										
PUMPS	Depth		GPM	PRESSURE	Pump 1		Pump 2		Pump 3		Pump 4			TYPE	STROKE	Manufacturer	HRS	Total HRS	MAX PSI	SPR Kill Rate	KILL (SPM)	
					Liner	SPM	Liner	SPM	Liner	SPM	Liner	SPM	Pump 1	Q-Z9	9IN	N/A		0.00				
	5690 - 5805		316	1490	6	50	6	50					Pump 2	Q-Z9	9IN	N/A		0.00				
	5805 - 5913				6		6						Pump 3					0.00				
	5913 - 5930				6		6						Pump 4					0.00				
DRLLSTRG	SIZE	WEIGHT	GRADE	I.D.	TJ O.D.	THREAD	# JNTS	LENGTH	IN HOLE	ON RACK	REPAIRS	DRILL STRING REMARKS										
ENGINES	LOCATION									NO.	DRILLING ASSEMBLY ( BHA )			O.D.	I.D.	LENGTH	DEVIATION SURVEYS					
	Co. No.																DEPTH	INCL	AZM			
	HRS TODAY																5930	34				
	HRS ON WELL																					
	HRS LAST CHGE																					
RIG FUEL	DELIVERED TODAY				BOILER			HOURS	FUEL USED													
	On Hand		1107.00			TODAY																
	Used Today		738.00			WELL																
	Used This Well		-1107.00			BOILER #																
	Fuel Brand					BLOWDOWN VOLUMES																
MUD MTR	SERIAL #	HRS LAST 24	TOTAL HRS	CUM. WELL HRS	FOOTAGE LAST 24	TOTAL FOOTAGE																
RENTAL ITEMS	DESCRIPTION					DAY RT	STDBY	HLRY														
REPORT REMARKS	USED 697 GAL OF FUEL										DEPTH DRILLED											
											FROM	TO	CODE	RPM	W.O.B.							
											5690	5805	D	55	40							
											5805	5913	D	58	36							
											5913	5930										

PIONEER OILFIELD SERVICES, LLC										MORNING REPORT					DATE 20101106		RIG NO. 15	JOB TYPE	JOB NO.		WELL TYPE	
WELLNAME ADM Verification Well #1										LEGAL DESCRIPTION					SPUD DATE / TIME 09-23-10 12:30				DAYS FR SPUD 44		PROJECTED TD	
OPERATOR ADM (ARCHER DANIEL MIDLAND)										COUNTY / PARISH Macon				STATE IL	JOB START DATE 09-15-10 15:45			DAYS ON JOB 52		EST. RELEASE		
RIG MANAGER W WOOD					RIG PHONE NUMBER 618-943-0053			OPERATORS REPRESENTATIVE PT HUGHESR			CO. MAN PH NO.		RELEASE DATE / TIME			WEATHER CLOUDY/28 dg /						
OPERATIONS @ REPORT TIME TRIPPING OUT OF HOLE WITH CORE										OPERATIONS NEXT 24 HRS drilling/ tripping / coreing												
SAFETY	ACCIDENTS OR NEAR MISSES: NONE										# OF JSA's 3		RIG SAFETY DAYS 45		SAFETY RATE		G.P.S. COORDINATES N 39.8796 W -88.8934		BOP TEST DATE / PRESSURE 10/29/10/1100/250 PSIG			
	SAFETY MEETING TOPICS TRIPPING / LAYING DOWN CORE										# STOP CARDS		LAST MEETING DATE 9/24AT700				CROWN-O-MATIC CHECKED YES		BOP DRILL DATE / TIME			
	LAST INSPECTION		INSPECTION BY / TITLE			CREW M / U		EXTRA CREWS / WHY?				OFFICE NOTIFIED		MANHOURS PAST 24 96.00		BOP DRILL DATE / TIME						
OPS	CURRENT DEPTH 5945		FOOTAGE LAST 24 15		PEN. RATE 0.0		ROT. HRS		MAX. GAS		BCKGR GAS		CONN. GAS		TRIP GAS		LAST CASING SIZE & SET DEPTH 9 5/8 5320		RIG COSTS			
	HOOKLOAD 135		PICKUP WEIGHT 135			SLACKOFF 135		ROTATING 135		ROTARY TORQUE				NEXT CASING SIZE & SET DEPTH				DAILY	S & R	RENTAL		
MUD	Time 0200	Mud Wt IN / OUT 9.1		Funnel Vis 57		PV 15	YLD PT 19	10 S GEL 9	10 M GEL 12	Fl. Loss 9.8	FILT CK 1/32	HTHP FL		HTTP FC		FUEL ADDED TO MUD TODAY CUM. 0.00		AVERAGE	0.00	0.00		
	Mud Type salt gel		% SOLIDS 6		% LCM	% SAND	% OIL	% H2O 94	pH 10.0	MF 1.05	PF .42	CALCIUM		CHLORIDES 11800		MUD COSTS DAILY 942.00 CUM. 174101.00		CUMULATIVE	0.00	0.00		
	CENTRIFUGES					SHAKER TYPE NATIONAL					SCREENS 210			CHANGED		WATER SOURCE HYD		CUMULATIVE DAYS	44.0	44.0		
TIME LOG	FROM	TO	HRS	CODE	DETAILS OF OPERATIONS IN SEQUENCE										TIME BREAKDOWN		(Today / Well)					
	700	715	0.25	21	safety meeting										1: RIG UP / DOWN		0.5					
	715	830	1.25	4	pick up inner barrells/ jars & make up										2: DRILLING		320.5					
	830	915	0.75	22	unload chrome caseing & put on racks										3: REAMING		2.75 40.75					
	915	1500	5.75	6	trip in hole with core barrell / wash to bottom										4: CORING		13.50 81.25					
	1500	1515	0.25	21	safety meeting										5: COND. & CIRC		78.75					
	1515	1800	2.75	3	REAM to 5930										6: TRIPS		6.25 174.0					
	1800	2300	5.0	4	CORING from 5930 to 5945										7: LUBRICATE RIG							
	2300	2315	0.25	21	SAFETY MEETING										8: REPAIR RIG		26.75					
	2315	0630	7.25	4	CORING #10										9: C/O DRILL LINE		1.5					
	0630	0700	.50	6	TRIP OUT OF HOLE WITH CORE # 10										10: DEVIATION		11.5					
															11: WIRELINE LOG		70.5					
															12: RUN CSG & CMNT		21.75					
															13: WAIT ON CEMENT		33.5					
															14: NIPPLE UP BOP		31.75					
															15: TEST BOP		7.75					
															16: DRILL STEM TEST							
															17: PLUGBACK		2.25					
															18: SQUEEZE CMNT		1.5					
															19: FISHING							
															20: DIR. WORK							
																	0.75 27.0					
																0.75 21.75						
																5.25						
														OTHER		6.75						
														Total Hours		24 965.25						
BITS	BIT#	SIZE	TYPE	MAKE	SERIAL #	NOZZLES	IN @	OUT @	DRILLED	HRS	CUM. HRS	CONDITION	R O P									
											0.00											
											0.00											
											0.00											
											0.00											
PUMPS	Depth		GPM	PRESSURE	Pump 1 Liner SPM		Pump 2 Liner SPM		Pump 3 Liner SPM		Pump 4 Liner SPM			TYPE	STROKE	Manufacturer	HRS	Total HRS	MAX PSI	SPR Kill Rate	KILL (SPM)	
			316	913	6	50	6	50					Pump 1	Q-Z9	9IN	N/A		0.00				
													Pump 2	Q-Z9	9IN	N/A		0.00				
													Pump 3					0.00				
													Pump 4					0.00				
DRLLSTRG	SIZE	WEIGHT	GRADE	I.D.	TJ O.D.	THREAD	# JNTS	LENGTH	IN HOLE	ON RACK	REPAIRS	DRILL STRING REMARKS										
ENGINES	LOCATION									NO.	DRILLING ASSEMBLY ( BHA )				O.D.	I.D.	LENGTH	DEVIATION SURVEYS				
	Co. No.																	DEPTH	INCL	AZM		
	HRS TODAY																					
	HRS ON WELL																					
	HRS LAST CHGE																					
	AVERAGE KVA																					
RIG FUEL	DELIVERED TODAY				BOILER			HOURS	FUEL USED													
	On Hand		2009.00			TODAY																
	Used Today		-902.00			WELL																
	Used This Well		-2009.00			BOILER #																
	Fuel Brand					BLOWDOWN VOLUMES																
	DISTRIBUTOR																					
MUD MTR	SERIAL #	HRS LAST 24	TOTAL HRS	CUM. WELL HRS	FOOTAGE LAST 24	TOTAL FOOTAGE																
RENTAL ITEMS	DESCRIPTION					DAY RT	STDBY	HLRY														
REPORT REMARKS	USED 410 GAL OF FUEL										DEPTH DRILLED											
											FROM	TO	CODE	RPM	W.O.B.							
											5960	5945	D	42	10							
														40	13							

PIONEER OILFIELD SERVICES, LLC										MORNING REPORT					DATE 20101107		RIG NO. 15	JOB TYPE	JOB NO.		WELL TYPE	
WELLNAME ADM Verification Well #1										LEGAL DESCRIPTION					SPUD DATE / TIME 09-23-10 12:30				DAYS FR SPUD 45		PROJECTED TD	
OPERATOR ADM (ARCHER DANIEL MIDLAND)										COUNTY / PARISH Macon				STATE IL	JOB START DATE 09-15-10 15:45			DAYS ON JOB 53		EST. RELEASE		
RIG MANAGER W WOOD					RIG PHONE NUMBER 618-943-0053			OPERATORS REPRESENTATIVE PT HUGHESR			CO. MAN PH NO.		RELEASE DATE / TIME			WEATHER CLOUDY/28 dg /						
OPERATIONS @ REPORT TIME drilling										OPERATIONS NEXT 24 HRS drilling/ tripping / coreing												
SAFETY	ACCIDENTS OR NEAR MISSES: none										# OF JSA's 3		RIG SAFETY DAYS 46		SAFETY RATE		G.P.S. COORDINATES N 39.8796 W -88.8934		BOP TEST DATE / PRESSURE 10/29/10/1100/250 PSIG			
	SAFETY MEETING TOPICS making conn / mixing mud & chem										# STOP CARDS		LAST MEETING DATE 9/24AT700				CROWN-O-MATIC CHECKED YES		BOP DRILL DATE / TIME			
	LAST INSPECTION		INSPECTION BY / TITLE			CREW M / U		EXTRA CREWS / WHY?				OFFICE NOTIFIED		MANHOURS PAST 24 96.00		BOP DRILL DATE / TIME						
OPS	CURRENT DEPTH 6223		FOOTAGE LAST 24 278		PEN. RATE 21.804		ROT. HRS 12.75		MAX. GAS		BCKGR GAS		CONN. GAS		TRIP GAS		LAST CASING SIZE & SET DEPTH 13 3/8 350		RIG COSTS			
	HOOKLOAD 135		PICKUP WEIGHT 135		SLACKOFF 135		ROTATING 135		ROTARY TORQUE				NEXT CASING SIZE & SET DEPTH				DAILY	S & R	RENTAL			
MUD	Time 0500	Mud Wt IN / OUT 9.1		Funnel Vis 45	PV 14	YLD PT 6	10 S GEL 3	10 M GEL	Fl. Loss 9.4	FILT CK 1/32	HTHP FL		HTTP FC		FUEL ADDED TO MUD TODAY CUM. 0.00		AVERAGE	0.00	0.00			
	Mud Type salt gel		% SOLIDS 5	% LCM	% SAND	% OIL	% H2O 95	pH 10.0	MF 1.1	PF .6	CALCIUM		CHLORIDES 10500		MUD COSTS DAILY 2720.00 CUM. 176821.00		CUMULATIVE	0.00	0.00			
	CENTRIFUGES				SHAKER TYPE NATIONAL				SCREENS 210				CHANGED		WATER SOURCE HYD		CUMULATIVE DAYS	45.0	45.0			
TIME LOG	FROM	TO	HRS	CODE	DETAILS OF OPERATIONS IN SEQUENCE										TIME BREAKDOWN		(Today / Well)					
	700	715	0.25	21	safety meeting										1: RIG UP / DOWN		0.5					
	715	1045	3.5	6	TRIP OUT OF HOLE WITH CORE # 10 ( 60 FT RECOVERED )										2: DRILLING		12.75 333.25					
	1045	1415	3.5	4	LAY DOWN JARS/ INNER BARRELL/ AND OUTER BARRELLS										3: REAMING		40.75					
	1415	1500	0.75	6	TRIP IN HOLE WITH BIT # 10										4: CORING		3.5 84.75					
	1500	1515	0.25	21	SAFETY MEETING										5: COND. & CIRC		78.75					
	1515	1800	2.75	6	TRIP IN HOLE REAM FROM 5930 TO 5990										6: TRIPS		7.0 181.0					
	1800	2300	5.0	2	DRILL FROM 5990 TO 6055 ( 730 to 745 fix liner gasket on m.p )										7: LUBRICATE RIG							
	2300	2315	0.25	21	SAFETY MEETING										8: REPAIR RIG		26.75					
	2315	0700	7.75	2	DRILL FROM 6055- 6223										9: C/O DRILL LINE		1.5					
															10: DEVIATION		11.5					
															11: WIRELINE LOG		70.5					
															12: RUN CSG & CMNT		21.75					
															13: WAIT ON CEMENT		33.5					
															14: NIPPLE UP BOP		31.75					
															15: TEST BOP		7.75					
															16: DRILL STEM TEST							
															17: PLUGBACK		2.25					
															18: SQUEEZE CMNT		1.5					
															19: FISHING							
															20: DIR. WORK							
																	0.75 27.75					
																	21.75					
																	5.25					
														OTHER		0.0 6.75						
														Total Hours		24.0 989.25						
BITS	BIT#	SIZE	TYPE	MAKE	SERIAL #	NOZZLES		IN @	OUT @	DRILLED	HRS	CUM. HRS	CONDITION	R O P								
	10	8 1/2	GX 44	HTC	6075527	3X12		5990														
	10	8 1/2	GX 44	HTC	6075527	3X12		5990														
												0.00										
PUMPS	Depth		GPM	PRESSURE	Pump 1		Pump 2		Pump 3		Pump 4			TYPE	STROKE	Manufacturer	HRS	Total HRS	MAX PSI	SPR Kill Rate	KILL (SPM)	
					Liner	SPM	Liner	SPM	Liner	SPM	Liner	SPM	Pump 1	Q-Z9	9IN	N/A		0.00				
	5990 - 6055				6	6							Pump 2	Q-Z9	9IN	N/A		0.00				
	6055 - 6223				6	6							Pump 3					0.00				
				1495	6	50	6	50					Pump 4					0.00				
DRLLSTRG	SIZE	WEIGHT	GRADE	I.D.	TJ O.D.	THREAD	# JNTS	LENGTH	IN HOLE	ON RACK	REPAIRS	DRILL STRING REMARKS										
ENGINES	LOCATION									NO.	DRILLING ASSEMBLY ( BHA )			O.D.	I.D.	LENGTH	DEVIATION SURVEYS					
	Co. No.																DEPTH	INCL	AZM			
	HRS TODAY																6055	6223				
	HRS ON WELL																					
	HRS LAST CHGE																					
RIG FUEL	DELIVERED TODAY																					
	On Hand			1394.00	BOILER	TODAY																
	Used Today			615.00		WELL																
	Used This Well			-1394.00		BOILER #																
	Fuel Brand					BLOWDOWN VOLUMES																
DISTRIBUTOR																						
MUD MTR	SERIAL #	HRS LAST 24	TOTAL HRS	CUM. WELL HRS	FOOTAGE LAST 24	TOTAL FOOTAGE																
RENTAL ITEMS	DESCRIPTION				DAY RT	STDBY	HLRY															
REPORT REMARKS	used 615 gal of fuel												DEPTH DRILLED									
													FROM	TO	CODE	RPM	W.O.B.					
													5990	6055	D	61	33					
													6055	6223		60	33					

PIONEER OILFIELD SERVICES, LLC										MORNING REPORT					DATE 20101108		RIG NO. 15	JOB TYPE	JOB NO.		WELL TYPE	
WELLNAME ADM Verification Well #1						LEGAL DESCRIPTION						SPUD DATE / TIME 09-23-10 12:30				DAYS FR SPUD 46		PROJECTED TD				
OPERATOR ADM (ARCHER DANIEL MIDLAND)						COUNTY / PARISH Macon				STATE IL	JOB START DATE 09-15-10 15:45			DAYS ON JOB 54		EST. RELEASE						
RIG MANAGER W WOOD				RIG PHONE NUMBER 618-943-0053		OPERATORS REPRESENTATIVE PT HUGHESR			CO. MAN PH NO.		RELEASE DATE / TIME			WEATHER /39 dg / breezy								
OPERATIONS @ REPORT TIME tripping out of hole to pick up core barrell										OPERATIONS NEXT 24 HRS tripping / coreing												
SAFETY	ACCIDENTS OR NEAR MISSES: none						# OF JSA's 3		RIG SAFETY DAYS 47		SAFETY RATE		G.P.S. COORDINATES N 39.8796 W -88.8934		BOP TEST DATE / PRESSURE 10/29/10/1100/250 PSIG							
	SAFETY MEETING TOPICS tripping / coreing						# STOP CARDS		LAST MEETING DATE 9/24AT700				CROWN-O-MATIC CHECKED YES		BOP DRILL DATE / TIME							
	LAST INSPECTION		INSPECTION BY / TITLE		CREW M / U		EXTRA CREWS / WHY?				OFFICE NOTIFIED		MANHOURS PAST 24 100.00		BOP DRILL DATE / TIME							
OPS	CURRENT DEPTH 6680		FOOTAGE LAST 24 457		PEN. RATE 25.746		ROT. HRS 17.75		MAX. GAS		BCKGR GAS	CONN. GAS	TRIP GAS	LAST CASING SIZE & SET DEPTH 9 5/8 5320		RIG COSTS						
	HOOKLOAD 135		PICKUP WEIGHT 135		SLACKOFF 135		ROTATING 135		ROTARY TORQUE			NEXT CASING SIZE & SET DEPTH		DAILY	S & R	RENTAL						
MUD	Time 0500	Mud Wt IN / OUT 9.1	Funnel Vis 44	PV 11	YLD PT 12	10 S GEL 6	10 M GEL 20	Fl. Loss 10.4	FILT CK 1/32	HTHP FL	HTTP FC	FUEL ADDED TO MUD TODAY CUM. 0.00		AVERAGE	0.00	0.00						
	Mud Type salt gel		% SOLIDS 6	% LCM	% SAND	% OIL	% H2O 94	pH 10.5	MF .92	PF .48	CALCIUM	CHLORIDES 10200	MUD COSTS DAILY 3807.50 CUM. 180628.50		CUMULATIVE	0.00	0.00					
	CENTRIFUGES				SHAKER TYPE NATIONAL				SCREENS 210			CHANGED		WATER SOURCE HYD		CUMULATIVE DAYS	46.0	46.0				
TIME LOG	FROM	TO	HRS	CODE	DETAILS OF OPERATIONS IN SEQUENCE										TIME BREAKDOWN		(Today / Well)					
	700	715	0.25	21	SAFETY MEETING										1: RIG UP / DOWN		0.5					
	715	1500	7.75	2	DRILL ACTUAL FROM 6223 TO6393										2: DRILLING		17.75 351.0					
	1500	1515	0.25	21	SAFETY MEETING										3: REAMING		40.75					
	1515	2300	7.75	2	DRILL FROM 6393 TO 6598										4: CORING		84.75					
	2300	2315	0.25	21	SAFETY MEETING										5: COND. & CIRC		3.0 81.75					
	2315	0130	2.25	2	DRILL FROM 6598-6680										6: TRIPS		1.50 182.25					
	0130	0230	1.0	5	CONDITION MUD & CIRCULATE FOR CORE										7: LUBRICATE RIG							
	0230	0345	1.25	6	SHORT TRIP 10 STANDS 1&2 LITTLE TIGHT										8: REPAIR RIG		26.75					
	0345	0545	2.0	5	CONDITION MUD & CIRCULATE										9: C/O DRILL LINE		1.5					
	0545	0645	1.0	10	DEVIATION SURVEY 3/4 DEGREE										10: DEVIATION		1.0 12.5					
	0645	0700	0.25	6	P.O.O.H FOR CORE										11: WIRELINE LOG		70.5					
															12: RUN CSG & CMNT		21.75					
															13: WAIT ON CEMENT		33.5					
															14: NIPPLE UP BOP		31.75					
															15: TEST BOP		7.75					
															16: DRILL STEM TEST							
															17: PLUGBACK		2.25					
															18: SQUEEZE CMNT		1.5					
															19: FISHING							
															20: DIR. WORK							
																	0.75 28.5					
																	21.75					
																	5.25					
														OTHER		6.75						
														Total Hours		24 1013.0						
BITS	BIT#	SIZE	TYPE	MAKE	SERIAL #	NOZZLES		IN @	OUT @	DRILLED	HRS	CUM. HRS	CONDITION	R O P								
	10	8 1/2	GX 44	HTC	6075527	3X12		5990				0.00										
	10	8 1/2	GX 44	HTC	6075527	3X12		5990				0.00										
												0.00										
PUMPS	Depth		GPM	PRESSURE	Pump 1		Pump 2		Pump 3		Pump 4			TYPE	STROKE	Manufacturer	HRS	Total HRS	MAX PSI	SPR Kill Rate	KILL (SPM)	
					Liner	SPM	Liner	SPM	Liner	SPM	Liner	SPM	Pump 1	Q-Z9	9IN	N/A		0.00				
	6223 - 6393		321	1500	6	51	6	51					Pump 2	Q-Z9	9IN	N/A		0.00				
	6598 - 6680				6		6						Pump 3					0.00				
													Pump 4					0.00				
DRLLSTRG	SIZE	WEIGHT	GRADE	I.D.	TJ O.D.	THREAD	# JNTS	LENGTH	IN HOLE	ON RACK	REPAIRS	DRILL STRING REMARKS										
ENGINES	LOCATION									NO.	DRILLING ASSEMBLY ( BHA )			O.D.	I.D.	LENGTH	DEVIATION SURVEYS					
	Co. No.																DEPTH	INCL	AZM			
	HRS TODAY																6680	34				
	HRS ON WELL																					
	HRS LAST CHGE																					
RIG FUEL	DELIVERED TODAY				BOILER			HOURS	FUEL USED													
	On Hand		2091.00			TODAY																
	Used Today		-697.00			WELL																
	Used This Well		-2091.00			BOILER #																
	Fuel Brand					BLOWDOWN VOLUMES																
MUD MTR	SERIAL #	HRS LAST 24	TOTAL HRS	CUM. WELL HRS	FOOTAGE LAST 24	TOTAL FOOTAGE																
RENTAL ITEMS	DESCRIPTION				DAY RT	STDBY	HLRY															
REPORT REMARKS	USED 533 GAL OF FUEL																DEPTH DRILLED					
																	FROM	TO	CODE	RPM	W.O.B.	
																	6223	6393	D	55	30	
																	6393	6598	D	69	32	
																	6598	6680				

PIONEER OILFIELD SERVICES, LLC										MORNING REPORT					DATE 20101109		RIG NO. 15	JOB TYPE	JOB NO.		WELL TYPE						
WELLNAME ADM Verification Well #1										LEGAL DESCRIPTION					SPUD DATE / TIME 09-23-10 12:30				DAYS FR SPUD 47		PROJECTED TD						
OPERATOR ADM (ARCHER DANIEL MIDLAND)										COUNTY / PARISH Macon				STATE IL	JOB START DATE 09-15-10 15:45			DAYS ON JOB 55		EST. RELEASE							
RIG MANAGER W WOOD					RIG PHONE NUMBER 618-943-0053			OPERATORS REPRESENTATIVE PT HUGHESR			CO. MAN PH NO.		RELEASE DATE / TIME			WEATHER /42 dg / breezy											
OPERATIONS @ REPORT TIME tripping in hole with core barrell										OPERATIONS NEXT 24 HRS tripping / coreing																	
SAFETY	ACCIDENTS OR NEAR MISSES: none								# OF JSA's 3		RIG SAFETY DAYS 48		SAFETY RATE		G.P.S. COORDINATES N 39.8796 W -88.8934			BOP TEST DATE / PRESSURE 10/29/10/1100/250 PSIG									
	SAFETY MEETING TOPICS tripping / coreing								# STOP CARDS		LAST MEETING DATE 9/24AT700				CROWN-O-MATIC CHECKED YES			BOP DRILL DATE / TIME									
	LAST INSPECTION		INSPECTION BY / TITLE			CREW M / U		EXTRA CREWS / WHY?				OFFICE NOTIFIED		MANHOURS PAST 24 96.00			BOP DRILL DATE / TIME										
OPS	CURRENT DEPTH 6740		FOOTAGE LAST 24 60		PEN. RATE 0.0		ROT. HRS		MAX. GAS		BCKGR GAS		CONN. GAS		TRIP GAS		LAST CASING SIZE & SET DEPTH 9 5/8 5320			RIG COSTS							
	HOOKLOAD 135		PICKUP WEIGHT 135		SLACKOFF 135		ROTATING 135		ROTARY TORQUE				NEXT CASING SIZE & SET DEPTH			DAILY		S & R		RENTAL							
MUD	Time 7		Mud Wt IN / OUT 9.1		Funnel Vis 49		PV 11		YLD PT 11		10 S GEL 6		10 M GEL 13		Fl. Loss 7.2		FILT CK 1/32		HTHP FL		HTTP FC		FUEL ADDED TO MUD TODAY CUM. 0.00			AVERAGE 0.00 0.00	
	Mud Type salt gel		% SOLIDS 6		% LCM		% SAND		% OIL		% H2O 94		pH 10.0		MF .87		PF .37		CALCIUM		CHLORIDES 10000		MUD COSTS DAILY 2653.00 CUM. 183281.50			CUMULATIVE 0.00 0.00	
	CENTRIFUGES				SHAKER TYPE NATIONAL				SCREENS 210				CHANGED		WATER SOURCE HYD		CUMULATIVE DAYS 47.0		47.0								
TIME LOG	FROM	TO	HRS	CODE	DETAILS OF OPERATIONS IN SEQUENCE															TIME BREAKDOWN		(Today / Well)					
	700	715	0.25	21	safety meeting															1: RIG UP / DOWN		0.5					
	715	1000	2.75	6	TRIP OUT OF HOLE FOR CORE															2: DRILLING		351.0					
	1000	1400	4.0	4	PICK UP OUTER BARRELLS/ INNER BARRELLS /JARS & MAKE UP															3: REAMING		1.5 42.25					
	1400	1430	0.5	6	TRIP IN HOLE WITH CORE BARRELL															4: CORING		8.75 93.5					
	1430	1500	0.5	8	FIX AIR LINE ON #2 D.W CLUTCH															5: COND. & CIRC		1.75 83.5					
	1500	1515	0.25	21	SAFETY MEETING															6: TRIPS		9.75 192.0					
	1515	1745	2.5	6	TRIP IN HOLE W/ CORE BARREL															7: LUBRICATE RIG							
	1745	1915	1.5	3	REAM TO 6680 HOOK UP WIEGHT INDICATOR															8: REPAIR RIG		1.5 28.25					
	1915	2115	2.0	4	CORING @ 6680 TO 6740															9: C/O DRILL LINE		1.5					
	2115	2300	1.75	5	CONDITION MUD & CIRCULATE															10: DEVIATION		12.5					
	2300	2315	0.25	21	SAFETY MEETING															11: WIRELINE LOG		70.5					
	2315	2330	0.25	6	P.O.O.H															12: RUN CSG & CMNT		21.75					
	2330	0030	1.0	8	REPAIR RIG LOW SIDE CHAIN															13: WAIT ON CEMENT		33.5					
	0030	0330	3.0	6	P.O.O.H															14: NIPPLE UP BOP		31.75					
	0330	0615	2.75	4	LAY DOWN CORE + PICK UP NEW CORE BARREL ( retrieved 59 ft )															15: TEST BOP		7.75					
	0615	0700	0.75	6	T.I.H WITH CORE barrell															16: DRILL STEM TEST							
																				17: PLUGBACK		2.25					
																				18: SQUEEZE CMNT		1.5					
																				19: FISHING							
																			20: DIR. WORK								
																					0.75 29.25						
																					21.75						
																					5.25						
																			OTHER		6.75						
																			Total Hours		24.0 1037.0						
BITS	BIT#	SIZE	TYPE	MAKE	SERIAL #	NOZZLES	IN @	OUT @	DRILLED	HRS	CUM. HRS	CONDITION	R O P														
											0.00																
											0.00																
											0.00																
											0.00																
PUMPS	Depth	GPM	PRESSURE	Pump 1 Liner SPM	Pump 2 Liner SPM	Pump 3 Liner SPM	Pump 4 Liner SPM	Pump 1	TYPE	STROKE	Manufacturer	HRS	Total HRS	MAX PSI	SPR Kill Rate	KILL (SPM)											
	6680 - 6740			6	6			Pump 2	Q-Z9	9IN	N/A		0.00														
		253	621	6	6	81		Pump 3					0.00														
								Pump 4					0.00														
DRLLSTRG	SIZE	WEIGHT	GRADE	I.D.	TJ O.D.	THREAD	# JNTS	LENGTH	IN HOLE	ON RACK	REPAIRS	DRILL STRING REMARKS															
ENGINES	LOCATION								NO.	DRILLING ASSEMBLY ( BHA )			O.D.	I.D.	LENGTH	DEVIATION SURVEYS											
	Co. No.															DEPTH	INCL	AZM									
	HRS TODAY																										
	HRS ON WELL																										
	HRS LAST CHGE																										
RIG FUEL	DELIVERED TODAY			BOILER		HOURS	FUEL USED																				
	On Hand	1681.00	TODAY																								
	Used Today	410.00	WELL																								
	Used This Well	-1681.00	BOILER #																								
	Fuel Brand		BLOWDOWN VOLUMES																								
MUD MTR	SERIAL #	HRS LAST 24	TOTAL HRS	CUM. WELL HRS	FOOTAGE LAST 24	TOTAL FOOTAGE																					
RENTAL ITEMS	DESCRIPTION					DAY RT	STDBY	HLRY																			
REPORT REMARKS	used 410 gal of fuel												DEPTH DRILLED														
													FROM	TO	CODE	RPM	W.O.B.										
													6680	6740	C	43	6										

PIONEER OILFIELD SERVICES, LLC										MORNING REPORT					DATE 20101110		RIG NO. 15	JOB TYPE	JOB NO.		WELL TYPE	
WELLNAME ADM Verification Well #1										LEGAL DESCRIPTION					SPUD DATE / TIME 09-23-10 12:30				DAYS FR SPUD 48		PROJECTED TD	
OPERATOR ADM (ARCHER DANIEL MIDLAND)										COUNTY / PARISH Macon				STATE IL	JOB START DATE 09-15-10 15:45			DAYS ON JOB 56		EST. RELEASE		
RIG MANAGER W WOOD					RIG PHONE NUMBER 618-943-0053			OPERATORS REPRESENTATIVE PT HUGHESR			CO. MAN PH NO.		RELEASE DATE / TIME			WEATHER 45D/ S WIND						
OPERATIONS @ REPORT TIME tripping in hole with core barrell										OPERATIONS NEXT 24 HRS tripping / coreing												
SAFETY	ACCIDENTS OR NEAR MISSES:										# OF JSA's		RIG SAFETY DAYS 49		SAFETY RATE		G.P.S. COORDINATES N 39.8796 W -88.8934		BOP TEST DATE / PRESSURE 10/29/10/1100/250 PSIG			
	SAFETY MEETING TOPICS SLIPPING DRILLING LINE										# STOP CARDS		LAST MEETING DATE 9/24AT700				CROWN-O-MATIC CHECKED YES		BOP DRILL DATE / TIME			
	LAST INSPECTION		INSPECTION BY / TITLE			CREW M / U		EXTRA CREWS / WHY?				OFFICE NOTIFIED		MANHOURS PAST 24 96.00		BOP DRILL DATE / TIME						
OPS	CURRENT DEPTH 6799		FOOTAGE LAST 24 59		PEN. RATE 0.0		ROT. HRS		MAX. GAS		BCKGR GAS		CONN. GAS		TRIP GAS		LAST CASING SIZE & SET DEPTH 13 3/8 350		RIG COSTS			
	HOOKLOAD 135		PICKUP WEIGHT 135		SLACKOFF 135		ROTATING 135		ROTARY TORQUE				NEXT CASING SIZE & SET DEPTH				DAILY	S & R	RENTAL			
MUD	Time 3	Mud Wt IN / OUT 9.1		Funnel Vis 49	PV	YLD PT	10 S GEL	10 M GEL	Fl. Loss	FILT CK	HTHP FL	HTTP FC	FUEL ADDED TO MUD TODAY CUM. 0.00				AVERAGE	0.00	0.00			
	Mud Type salt gel		% SOLIDS 6	% LCM	% SAND	% OIL	% H2O 94	pH 10.0	MF .87	PF .37	CALCIUM	CHLORIDES 10000	MUD COSTS DAILY 2772.00 CUM. 186053.50				CUMULATIVE	0.00	0.00			
	CENTRIFUGES				SHAKER TYPE NATIONAL				SCREENS 210				CHANGED		WATER SOURCE HYD		CUMULATIVE DAYS	48.0	48.0			
TIME LOG	FROM	TO	HRS	CODE	DETAILS OF OPERATIONS IN SEQUENCE										TIME BREAKDOWN		(Today / Well)					
	700	715	0.25	21	safety meeting										1: RIG UP / DOWN		0.5					
	715	1000	2.75	6	TRIP IN HOLE WITH CORE BARRELL										2: DRILLING		351.0					
	1000	1100	1.0	5	KELL Y UP WASH 40 FT TO BOTTOM AND CIRC										3: REAMING		42.25					
	1100	1430	3.5	4	CORING FROM 6740 TO6799										4: CORING		7.5 101.0					
	1430	1500	0.5	5	CIRC FOR TRIP										5: COND. & CIRC		2.75 86.25					
	1500	1515	0.25	21	SAFETY MEETING										6: TRIPS		13.0 205.0					
	1515	1600	0.75	5	CONDITION MUD & CIRCULATE										7: LUBRICATE RIG							
	1600	2230	6.5	6	TRIP OUT OF HOLE W/ CORE BARREL NO. 2 CORE										8: REPAIR RIG		28.25					
	2230	2300	0.5	6	LAY CORE DOWN 60 ft										9: C/O DRILL LINE		1.5					
	2300	2315	0.25	21	SAFETY MEETING										10: DEVIATION		12.5					
	2315	2330	0.25	4	PICK UP CORE BARREL										11: WIRELINE LOG		70.5					
	2330	0245	3.25	6	T.I.H WITH CORE										12: RUN CSG & CMNT		21.75					
	0245	0315	0.5	5	CONDITION MUD & CIRCULATE										13: WAIT ON CEMENT		33.5					
	0315	0700	3.75	4	CORING FROM 6799-										14: NIPPLE UP BOP		31.75					
															15: TEST BOP		7.75					
															16: DRILL STEM TEST							
															17: PLUGBACK		2.25					
															18: SQUEEZE CMNT		1.5					
															19: FISHING							
															20: DIR. WORK							
																	0.75 30.0					
																21.75						
																5.25						
														OTHER		6.75						
														Total Hours		24.0 1061.0						
BITS	BIT#	SIZE	TYPE	MAKE	SERIAL #	NOZZLES	IN @	OUT @	DRILLED	HRS	CUM. HRS	CONDITION	R O P									
											0.00											
											0.00											
											0.00											
PUMPS	Depth	GPM	PRESSURE	Pump 1 Liner SPM	Pump 2 Liner SPM	Pump 3 Liner SPM	Pump 4 Liner SPM	Pump 1 Q-Z9	TYPE Q-Z9	STROKE 9IN	Manufacturer N/A	HRS	Total HRS	MAX PSI	SPR Kill Rate	KILL (SPM)						
	6740 - 6799		490	6 70	6			Pump 2 Q-Z9		9IN	N/A		0.00									
								Pump 3					0.00									
								Pump 4					0.00									
DRLLSTRG	SIZE	WEIGHT	GRADE	I.D.	TJ O.D.	THREAD	# JNTS	LENGTH	IN HOLE	ON RACK	REPAIRS	DRILL STRING REMARKS										
ENGINES	LOCATION								NO.	DRILLING ASSEMBLY ( BHA )			O.D.	I.D.	LENGTH	DEVIATION SURVEYS						
	Co. No.															DEPTH	INCL	AZM				
	HRS TODAY																					
	HRS ON WELL																					
	HRS LAST CHGE																					
RIG FUEL	DELIVERED TODAY			BOILER		HOURS	FUEL USED															
	On Hand	1189.00	TODAY																			
	Used Today	492.00	WELL																			
	Used This Well	-1189.00	BOILER #																			
	Fuel Brand		BLOWDOWN VOLUMES																			
MUD MTR	SERIAL #	HRS LAST 24	TOTAL HRS	CUM. WELL HRS	FOOTAGE LAST 24	TOTAL FOOTAGE																
RENTAL ITEMS	DESCRIPTION					DAY RT	STDBY	HLRY														
REPORT REMARKS											DEPTH DRILLED											
											FROM	TO	CODE	RPM	W.O.B.							
											6740	6799	C	38	5							
											6799											



PIONEER OILFIELD SERVICES, LLC										MORNING REPORT					DATE 20101111		RIG NO. 15	JOB TYPE	JOB NO.		WELL TYPE	
WELLNAME ADM Verification Well #1										LEGAL DESCRIPTION					SPUD DATE / TIME 09-23-10 12:30				DAYS FR SPUD 49		PROJECTED TD	
OPERATOR ADM (ARCHER DANIEL MIDLAND)										COUNTY / PARISH Macon				STATE IL	JOB START DATE 09-15-10 15:45			DAYS ON JOB 57		EST. RELEASE		
RIG MANAGER W WOOD					RIG PHONE NUMBER 618-943-0053			OPERATORS REPRESENTATIVE PT HUGHESR			CO. MAN PH NO.		RELEASE DATE / TIME			WEATHER 45D/ S WIND						
OPERATIONS @ REPORT TIME MAKEING UP CORE BARRELL										OPERATIONS NEXT 24 HRS tripping / coreing												
SAFETY	ACCIDENTS OR NEAR MISSES: NONE										# OF JSA's 3		RIG SAFETY DAYS 50		SAFETY RATE		G.P.S. COORDINATES N 39.8797 W -88.8934		BOP TEST DATE / PRESSURE 10/29/10/1100/250 PSIG			
	SAFETY MEETING TOPICS TRIPPING/ RIG MAITINANCE										# STOP CARDS		LAST MEETING DATE 9/24AT700				CROWN-O-MATIC CHECKED YES		BOP DRILL DATE / TIME			
	LAST INSPECTION		INSPECTION BY / TITLE			CREW M / U		EXTRA CREWS / WHY?				OFFICE NOTIFIED		MANHOURS PAST 24 96.00		BOP DRILL DATE / TIME						
OPS	CURRENT DEPTH 6919		FOOTAGE LAST 24 120		PEN. RATE 0.0		ROT. HRS		MAX. GAS		BCKGR GAS		CONN. GAS		TRIP GAS		LAST CASING SIZE & SET DEPTH 9 5/8 5320		RIG COSTS			
	HOOKLOAD 135		PICKUP WEIGHT 135			SLACKOFF 135		ROTATING 135		ROTARY TORQUE				NEXT CASING SIZE & SET DEPTH				DAILY	S & R	RENTAL		
MUD	Time 130	Mud Wt IN / OUT 9.0		Funnel Vis 43	PV 11	YLD PT 13	10 S GEL 7	10 M GEL 16	Fl. Loss 8.0	FILT CK 1/32	HTHP FL		HTTP FC		FUEL ADDED TO MUD TODAY CUM. 0.00		AVERAGE	0.00	0.00			
	Mud Type salt gel		% SOLIDS 5	% LCM	% SAND	% OIL	% H2O 95	pH 10.0	MF .1.25	PF .5	CALCIUM		CHLORIDES 10000		MUD COSTS DAILY 4658.00 CUM. 190711.50		CUMULATIVE	0.00	0.00			
	CENTRIFUGES				SHAKER TYPE NATIONAL				SCREENS 210				CHANGED		WATER SOURCE HYD		CUMULATIVE DAYS	49.0	49.0			
TIME LOG	FROM	TO	HRS	CODE	DETAILS OF OPERATIONS IN SEQUENCE										TIME BREAKDOWN		(Today / Well)					
	700	0715	0.25	21	SAFETY MEETING										1: RIG UP / DOWN		0.5					
	715	830	1.25	5	CONDITION MUD & CIRCULATE										2: DRILLING		351.0					
	830	1145	3.25	6	P.O.O.H WITH CORE (60 FT RECOVERED )										3: REAMING		42.25					
	1145	1330	1.75	4	LAY DOWN CORE										4: CORING		9.5 110.5					
	1330	1500	1.5	6	T.I.H. WITH CORE BARRELL										5: COND. & CIRC		3.25 89.5					
	1500	1515	0.25	21	SAFETY MEETING										6: TRIPS		10.5 215.5					
	1515	1630	1.25	6	TRIP IN HOLE W/ CORE BARREL										7: LUBRICATE RIG							
	1630	1715	0.75	5	CONDITION MUD & CIRCULATE										8: REPAIR RIG		28.25					
	1715	2300	5.75	4	CORING FROM 6859 TO 6910										9: C/O DRILL LINE		1.5					
	2300	2315	0.25	21	SAFETY MEETING										10: DEVIATION		12.5					
	2315	2330	0.25	4	CORING FROM 6910 TO 6919										11: WIRELINE LOG		70.5					
	2330	045	1.25	5	CIRCULATE FOR TRIP										12: RUN CSG & CMNT		21.75					
	045	515	4.5	6	TRIP OUT OF HOLE WITH CORE ( 60 FT RECOVERED )										13: WAIT ON CEMENT		33.5					
	515	0700	1.75	4	LAY DOWN JARS / CORE / PICK UP INNER BARRELLS& JARS										14: NIPPLE UP BOP		31.75					
															15: TEST BOP		7.75					
															16: DRILL STEM TEST							
															17: PLUGBACK		2.25					
															18: SQUEEZE CMNT		1.5					
															19: FISHING							
															20: DIR. WORK							
																	0.75 30.75					
																21.75						
																5.25						
														OTHER		6.75						
														Total Hours		24.0 1085.0						
BITS	BIT#	SIZE	TYPE	MAKE	SERIAL #	NOZZLES	IN @	OUT @	DRILLED	HRS	CUM. HRS	CONDITION	R O P									
											0.00											
											0.00											
											0.00											
PUMPS	Depth	GPM	PRESSURE	Pump 1 Liner SPM	Pump 2 Liner SPM	Pump 3 Liner SPM	Pump 4 Liner SPM	Pump 1 Q-Z9	TYPE Q-Z9	STROKE 9IN	Manufacturer N/A	HRS	Total HRS	MAX PSI	SPR Kill Rate	KILL (SPM)						
	6859 -	253		6	6	80		Pump 2 Q-Z9	9IN	N/A			0.00									
	6859 - 6910			6	6			Pump 3					0.00									
	6910 - 6919			6	6			Pump 4					0.00									
DRLLSTRG	SIZE	WEIGHT	GRADE	I.D.	TJ O.D.	THREAD	# JNTS	LENGTH	IN HOLE	ON RACK	REPAIRS	DRILL STRING REMARKS										
ENGINES	LOCATION								NO.	DRILLING ASSEMBLY ( BHA )			O.D.	I.D.	LENGTH	DEVIATION SURVEYS						
	Co. No.															DEPTH	INCL	AZM				
	HRS TODAY																					
	HRS ON WELL																					
	HRS LAST CHGE																					
RIG FUEL	DELIVERED TODAY			BOILER		HOURS	FUEL USED															
	On Hand	2460.00	TODAY																			
	Used Today	-1271.00	WELL																			
	Used This Well	-2460.00	BOILER #																			
	Fuel Brand		BLOWDOWN VOLUMES																			
MUD MTR	SERIAL #	HRS LAST 24	TOTAL HRS	CUM. WELL HRS	FOOTAGE LAST 24	TOTAL FOOTAGE																
RENTAL ITEMS	DESCRIPTION					DAY RT	STDBY	HLRY									DIRECTIONS TO					
REPORT REMARKS	USED 451 GAL OF FUEL										DEPTH DRILLED											
											FROM	TO	CODE	RPM	W.O.B.							
											6859		C	38	8							
											6859	6910	C	38	8							
											6910	6919	C	45	8							

PIONEER OILFIELD SERVICES, LLC										MORNING REPORT					DATE 20101112		RIG NO. 15	JOB TYPE	JOB NO.		WELL TYPE	
WELLNAME ADM Verification Well #1										LEGAL DESCRIPTION					SPUD DATE / TIME 09-23-10 12:30				DAYS FR SPUD 50		PROJECTED TD	
OPERATOR ADM (ARCHER DANIEL MIDLAND)										COUNTY / PARISH Macon				STATE IL	JOB START DATE 09-15-10 15:45			DAYS ON JOB 58		EST. RELEASE		
RIG MANAGER W WOOD					RIG PHONE NUMBER 618-943-0053			OPERATORS REPRESENTATIVE PT HUGHESR			CO. MAN PH NO.		RELEASE DATE / TIME			WEATHER 45D/ S WIND						
OPERATIONS @ REPORT TIME RIG REPAIRS										OPERATIONS NEXT 24 HRS tripping / coreing												
SAFETY	ACCIDENTS OR NEAR MISSES: NONE										# OF JSA's 3		RIG SAFETY DAYS 51		SAFETY RATE		G.P.S. COORDINATES N 39.8796 W -88.8934		BOP TEST DATE / PRESSURE 10/29/10/1100/250 PSIG			
	SAFETY MEETING TOPICS RIG REPAIRS / TRIPPING										# STOP CARDS		LAST MEETING DATE 9/24AT700			CROWN-O-MATIC CHECKED YES		BOP DRILL DATE / TIME				
	LAST INSPECTION		INSPECTION BY / TITLE			CREW M / U		EXTRA CREWS / WHY?				OFFICE NOTIFIED		MANHOURS PAST 24 96.00		BOP DRILL DATE / TIME						
OPS	CURRENT DEPTH 6979		FOOTAGE LAST 24 60		PEN. RATE 0.0		ROT. HRS		MAX. GAS		BCKGR GAS		CONN. GAS		TRIP GAS		LAST CASING SIZE & SET DEPTH 9 5/8 5320		RIG COSTS			
	HOOKLOAD 135		PICKUP WEIGHT 135		SLACKOFF 135		ROTATING 135		ROTARY TORQUE				NEXT CASING SIZE & SET DEPTH		DAILY		S & R		RENTAL			
MUD	Time 11	Mud Wt IN / OUT 9.0		Funnel Vis 48	PV 13	YLD PT 20	10 S GEL 11	10 M GEL 20	Fl. Loss 10.8	FILT CK 1/32	HTHP FL		HTTP FC		FUEL ADDED TO MUD TODAY CUM. 0.00		AVERAGE		0.00	0.00		
	Mud Type salt gel		% SOLIDS 6	% LCM	% SAND 1	% OIL	% H2O 94	pH 11.0	MF .94	PF .51	CALCIUM 20		CHLORIDES 10000		MUD COSTS DAILY 5711.50 CUM. 196423.00		CUMULATIVE		0.00	0.00		
	CENTRIFUGES				SHAKER TYPE NATIONAL				SCREENS 210				CHANGED		WATER SOURCE HYD		CUMULATIVE DAYS		50.0	50.0		
TIME LOG	FROM	TO	HRS	CODE	DETAILS OF OPERATIONS IN SEQUENCE										TIME BREAKDOWN		(Today / Well)					
	700	715	0.25	21	safety meeting										1: RIG UP / DOWN		0.5					
	715	930	2.25	8	slip 60 ft drilling line										2: DRILLING		351.0					
	930	1245	3.25	6	TRIPIN HOLE WITH CORE BARRELL										3: REAMING		42.25					
	1245	1330	0.75	8	SLIP 100 FT DRILLING LINE										4: CORING		5.75 116.25					
	1330	1500	1.5	6	TRIP IN HOLE										5: COND. & CIRC		1.75 91.25					
	1500	1515	0.25	21	SAFETY MEETING										6: TRIPS		10.75 226.25					
	1515	1715	2.0	6	TRIP IN HOLE W/ CORE BARREL										7: LUBRICATE RIG							
	1715	2115	4.0	4	CORING FROM 6919 TO 6979										8: REPAIR RIG		5.0 33.25					
	2115	2300	1.75	5	CONDITION MUD & CIRCULATE FOR CORE										9: C/O DRILL LINE		1.5					
	2300	2315	0.25	21	SAFETY MEETING										10: DEVIATION		12.5					
	2315	0315	4.0	6	P.O.O.H LAY DOWN TWO PUP JOINTS										11: WIRELINE LOG		70.5					
	0315	0500	1.75	4	LAY DOWN CORE + PICK UP INNER BARREL ( 60 FT RECOVERED )										12: RUN CSG & CMNT		21.75					
	0500	0700	2.0	8	WORK ON HYDROMATIC CLUTCH										13: WAIT ON CEMENT		33.5					
															14: NIPPLE UP BOP		31.75					
															15: TEST BOP		7.75					
															16: DRILL STEM TEST							
															17: PLUGBACK		2.25					
															18: SQUEEZE CMNT		1.5					
															19: FISHING							
															20: DIR. WORK							
																	0.75 31.5					
																21.75						
																5.25						
														OTHER		6.75						
														Total Hours		24.0 1109.0						
BITS	BIT#	SIZE	TYPE	MAKE	SERIAL #	NOZZLES	IN @	OUT @	DRILLED	HRS	CUM. HRS	CONDITION	R O P									
											0.00											
											0.00											
											0.00											
PUMPS	Depth	GPM	PRESSURE	Pump 1 Liner SPM	Pump 2 Liner SPM	Pump 3 Liner SPM	Pump 4 Liner SPM	Pump 1	TYPE	STROKE	Manufacturer	HRS	Total HRS	MAX PSI	SPR Kill Rate	KILL (SPM)						
	6919 - 6979			6	6			Pump 2	Q-Z9	9IN	N/A		0.00									
		223		6	6	75		Pump 3					0.00									
								Pump 4					0.00									
DRLLSTRG	SIZE	WEIGHT	GRADE	I.D.	TJ O.D.	THREAD	# JNTS	LENGTH	IN HOLE	ON RACK	REPAIRS	DRILL STRING REMARKS										
ENGINES	LOCATION								NO.	DRILLING ASSEMBLY ( BHA )			O.D.	I.D.	LENGTH	DEVIATION SURVEYS						
	Co. No.															DEPTH	INCL	AZM				
	HRS TODAY																					
	HRS ON WELL																					
	HRS LAST CHGE																					
RIG FUEL	DELIVERED TODAY																					
	On Hand		2009.00	BOILER	TODAY																	
	Used Today		451.00		WELL																	
	Used This Well		-2009.00		BOILER #																	
	Fuel Brand				BLOWDOWN VOLUMES																	
DISTRIBUTOR																						
MUD MTR	SERIAL #	HRS LAST 24	TOTAL HRS	CUM. WELL HRS	FOOTAGE LAST 24	TOTAL FOOTAGE																
RENTAL ITEMS	DESCRIPTION					DAY RT	STDBY	HLRY														
REPORT REMARKS	USED 451 GAL OF FUEL										DEPTH DRILLED											
											FROM	TO	CODE	RPM	W.O.B.							
											6919	6979	C	40	6							

PIONEER OILFIELD SERVICES, LLC										MORNING REPORT					DATE 20101113		RIG NO. 15	JOB TYPE	JOB NO.		WELL TYPE	
WELLNAME ADM Verification Well #1										LEGAL DESCRIPTION					SPUD DATE / TIME 09-23-10 12:30				DAYS FR SPUD 51		PROJECTED TD	
OPERATOR ADM (ARCHER DANIEL MIDLAND)										COUNTY / PARISH Macon				STATE IL	JOB START DATE 09-15-10 15:45			DAYS ON JOB 59		EST. RELEASE		
RIG MANAGER W WOOD					RIG PHONE NUMBER 618-943-0053			OPERATORS REPRESENTATIVE PT HUGHESR			CO. MAN PH NO.		RELEASE DATE / TIME			WEATHER 45D/ S WIND						
OPERATIONS @ REPORT TIME laying down core / tripping in hole										OPERATIONS NEXT 24 HRS tripping / coreing												
SAFETY	ACCIDENTS OR NEAR MISSES: none								# OF JSA's 3		RIG SAFETY DAYS 52		SAFETY RATE		G.P.S. COORDINATES N 39.8796 W -88.8934		BOP TEST DATE / PRESSURE 10/29/10/1100/250 PSIG					
	SAFETY MEETING TOPICS tripping / coreing								# STOP CARDS		LAST MEETING DATE 9/24AT700				CROWN-O-MATIC CHECKED YES		BOP DRILL DATE / TIME					
	LAST INSPECTION		INSPECTION BY / TITLE			CREW M / U		EXTRA CREWS / WHY?				OFFICE NOTIFIED		MANHOURS PAST 24 96.00		BOP DRILL DATE / TIME						
OPS	CURRENT DEPTH 7039		FOOTAGE LAST 24 60		PEN. RATE 0.0		ROT. HRS		MAX. GAS		BCKGR GAS		CONN. GAS		TRIP GAS		LAST CASING SIZE & SET DEPTH 9 5/8 5320		RIG COSTS			
	HOOKLOAD 155		PICKUP WEIGHT 155		SLACKOFF 155		ROTATING 155		ROTARY TORQUE				NEXT CASING SIZE & SET DEPTH		DAILY		S & R		RENTAL			
MUD	Time 7	Mud Wt IN / OUT 9.1		Funnel Vis 66		PV 14	YLD PT 20	10 S GEL 14	10 M GEL 20	Fl. Loss 8.8	FILT CK 1/32	HTHP FL		HTTP FC		FUEL ADDED TO MUD TODAY CUM. 0.00		AVERAGE 0.00		0.00		
	Mud Type salt gel		% SOLIDS 6		% LCM	% SAND 1	% OIL	% H2O 94	pH 10.0	MF .95	PF .35	CALCIUM 20		CHLORIDES 11200		MUD COSTS DAILY 3418.00 CUM. 199841.00		CUMULATIVE 0.00		0.00		
	CENTRIFUGES				SHAKER TYPE NATIONAL				SCREENS 210				CHANGED		WATER SOURCE HYD		CUMULATIVE DAYS 51.0		51.0			
TIME LOG	FROM	TO	HRS	CODE	DETAILS OF OPERATIONS IN SEQUENCE										TIME BREAKDOWN		(Today / Well)					
	700	715	0.25	21	safety meeting										1: RIG UP / DOWN		0.5					
	715	1200	4.75	22	wait on clutch										2: DRILLING		351.0					
	1200	1415	2.25	8	PUT NEW CLUTCH ON HYDRO MATIC										3: REAMING		42.25					
	1415	1430	0.25	4	PICK UP JARS AND MAKE UP										4: CORING		6.0 122.25					
	1430	1500	0.5	6	TRIP IN HOLE WITH CORE BARRELL										5: COND. & CIRC		1.5 92.75					
	1500	1515	0.25	21	SAFETY MEETING										6: TRIPS		8.75 230.75					
	1515	1915	4.0	6	TRIP IN HOLE W/ CORE BARREL TO 6979										7: LUBRICATE RIG							
	1915	2300	3.75	4	CORING FROM 6979 TO 7014										8: REPAIR RIG		2.25 35.5					
	2300	2315	0.25	21	SAFETY MEETING										9: C/O DRILL LINE		1.5					
	2315	0115	2.0	4	CORING										10: DEVIATION		12.5					
	0115	0245	1.5	5	CONDITION MUD & CIRCULATE										11: WIRELINE LOG		70.5					
	0245	0700	4.25	6	P.O.O.H LAY DOWN TWO JOINTS OF DP AND 2 PUP JOINTS										12: RUN CSG & CMNT		21.75					
															13: WAIT ON CEMENT		33.5					
															14: NIPPLE UP BOP		31.75					
															15: TEST BOP		7.75					
															16: DRILL STEM TEST							
															17: PLUGBACK		2.25					
															18: SQUEEZE CMNT		1.5					
															19: FISHING							
															20: DIR. WORK							
																	0.75 32.25					
																4.75 26.5						
																5.25						
														OTHER		0.0 6.75						
														Total Hours		24 1128.75						
BITS	BIT#	SIZE	TYPE	MAKE	SERIAL #	NOZZLES	IN @	OUT @	DRILLED	HRS	CUM. HRS	CONDITION	R O P									
											0.00											
											0.00											
											0.00											
											0.00											
PUMPS	Depth	GPM	PRESSURE	Pump 1 Liner SPM	Pump 2 Liner SPM	Pump 3 Liner SPM	Pump 4 Liner SPM	Pump 1 Q-Z9	TYPE Q-Z9	STROKE 9IN	Manufacturer N/A	HRS	Total HRS	MAX PSI	SPR Kill Rate	KILL (SPM)						
	6979 - 7039			6	6			Pump 2 Q-Z9	9IN	N/A		0.00										
		255	705	6	6	81		Pump 3				0.00										
								Pump 4				0.00										
DRLLSTRG	SIZE	WEIGHT	GRADE	I.D.	TJ O.D.	THREAD	# JNTS	LENGTH	IN HOLE	ON RACK	REPAIRS	DRILL STRING REMARKS										
ENGINES	LOCATION								NO.	DRILLING ASSEMBLY ( BHA )			O.D.	I.D.	LENGTH	DEVIATION SURVEYS						
	Co. No.															DEPTH	INCL	AZM				
	HRS TODAY																					
	HRS ON WELL																					
	HRS LAST CHGE																					
RIG FUEL	DELIVERED TODAY																					
	On Hand		2706.00	BOILER	TODAY																	
	Used Today		-697.00		WELL																	
	Used This Well		-2706.00		BOILER #																	
	Fuel Brand				BLOWDOWN VOLUMES																	
DISTRIBUTOR																						
MUD MTR	SERIAL #	HRS LAST 24	TOTAL HRS	CUM. WELL HRS	FOOTAGE LAST 24	TOTAL FOOTAGE																
RENTAL ITEMS	DESCRIPTION					DAY RT	STDBY	HLRY														
REPORT REMARKS	used 369 gal of fuel										DEPTH DRILLED											
											FROM	TO	CODE	RPM	W.O.B.							
											6979	7039	C	41	6							

PIONEER OILFIELD SERVICES, LLC										MORNING REPORT					DATE 20101114		RIG NO. 15	JOB TYPE	JOB NO.		WELL TYPE	
WELLNAME ADM Verification Well #1										LEGAL DESCRIPTION					SPUD DATE / TIME 09-23-10 12:30				DAYS FR SPUD 52		PROJECTED TD	
OPERATOR ADM (ARCHER DANIEL MIDLAND)										COUNTY / PARISH Macon				STATE IL	JOB START DATE 09-15-10 15:45			DAYS ON JOB 60		EST. RELEASE		
RIG MANAGER W WOOD					RIG PHONE NUMBER 618-943-0053			OPERATORS REPRESENTATIVE PT HUGHESR			CO. MAN PH NO.		RELEASE DATE / TIME			WEATHER 35D/ S WIND						
OPERATIONS @ REPORT TIME tripping in hole with bit										OPERATIONS NEXT 24 HRS tripping & drilling												
SAFETY	ACCIDENTS OR NEAR MISSES: none										# OF JSA's 3		RIG SAFETY DAYS 53		SAFETY RATE		G.P.S. COORDINATES N 39.8796 W -88.8934		BOP TEST DATE / PRESSURE 10/29/10/1100/250 PSIG			
	SAFETY MEETING TOPICS tripping / makeing conn										# STOP CARDS		LAST MEETING DATE 9/24AT700				CROWN-O-MATIC CHECKED YES		BOP DRILL DATE / TIME			
	LAST INSPECTION		INSPECTION BY / TITLE			CREW M / U		EXTRA CREWS / WHY?				OFFICE NOTIFIED		MANHOURS PAST 24 96.00		BOP DRILL DATE / TIME						
OPS	CURRENT DEPTH		FOOTAGE LAST 24		PEN. RATE		ROT. HRS		MAX. GAS		BCKGR GAS		CONN. GAS		TRIP GAS		LAST CASING SIZE & SET DEPTH 13 3/8 350		RIG COSTS			
	HOOKLOAD 155		PICKUP WEIGHT 155		SLACKOFF 155		ROTATING 155		ROTARY TORQUE				NEXT CASING SIZE & SET DEPTH		DAILY		S & R		RENTAL			
MUD	Time 7	Mud Wt IN / OUT 9.1		Funnel Vis 65		PV	YLD PT	10 S GEL	10 M GEL	Fl. Loss	FILT CK	HTHP FL	HTTP FC	FUEL ADDED TO MUD TODAY CUM. 0.00		AVERAGE		0.00		0.00		
	Mud Type salt gel		% SOLIDS 6	% LCM	% SAND 1	% OIL	% H2O 94	pH 10.0	MF .95	PF .35	CALCIUM 20	CHLORIDES 11200	MUD COSTS DAILY 2128.50 CUM. 201969.50		CUMULATIVE		0.00		0.00			
	CENTRIFUGES				SHAKER TYPE NATIONAL				SCREENS 210				CHANGED		WATER SOURCE HYD		CUMULATIVE DAYS		52.0		52.0	
TIME LOG	FROM	TO	HRS	CODE	DETAILS OF OPERATIONS IN SEQUENCE										TIME BREAKDOWN		(Today / Well)					
	700	715	0.25	21	safety meeting										1: RIG UP / DOWN		0.5					
	715	915	2.0	4	lay down jars / core/ pick up inner barrells/ jars ( 60 ft recovered )										2: DRILLING		351.0					
	915	1330	4.25	6	TRIP in hole with core barrell										3: REAMING		42.25					
	1330	1500	1.5	5	kelly up wash 40 ft to bottom /& circ										4: CORING		10.75 133.0					
	1500	1515	0.25	21	safety meeting										5: COND. & CIRC		1.5 94.25					
	1515	2145	6.5	4	CORING from 7039 to 7069										6: TRIPS		11.0 239.25					
	2145	2300	1.25	6	TRIP out of hole w/ core barrel lay down 1 single and a pup										7: LUBRICATE RIG							
	2300	2315	0.25	21	SAFETY MEETING										8: REPAIR RIG		35.5					
	2315	0215	3.0	6	P.O.O.H										9: C/O DRILL LINE		1.5					
	0215	0430	2.25	4	LAYDOWN CORE 28 FT 5IN RECOVERY LAY DOWN CORE BARREL										10: DEVIATION		12.5					
	0430	0700	2.5	6	T.I.H										11: WIRELINE LOG		70.5					
															12: RUN CSG & CMNT		21.75					
															13: WAIT ON CEMENT		33.5					
															14: NIPPLE UP BOP		31.75					
															15: TEST BOP		7.75					
															16: DRILL STEM TEST							
															17: PLUGBACK		2.25					
															18: SQUEEZE CMNT		1.5					
															19: FISHING							
															20: DIR. WORK							
																	0.75 33.0					
																	26.5					
																	5.25					
														OTHER		6.75						
														Total Hours		24 1150.25						
BITS	BIT#	SIZE	TYPE	MAKE	SERIAL #	NOZZLES	IN @	OUT @	DRILLED	HRS	CUM. HRS	CONDITION	R O P									
											0.00											
											0.00											
											0.00											
											0.00											
PUMPS	Depth		GPM	PRESSURE	Pump 1		Pump 2		Pump 3		Pump 4			TYPE	STROKE	Manufacturer	HRS	Total HRS	MAX PSI	SPR Kill Rate	KILL (SPM)	
					Liner	SPM	Liner	SPM	Liner	SPM	Liner	SPM	Pump 1	Q-Z9	9IN	N/A		0.00				
	7039 -				6	6							Pump 2	Q-Z9	9IN	N/A		0.00				
			252	694	6	6	80						Pump 3					0.00				
													Pump 4					0.00				
DRLLSTRG	SIZE	WEIGHT	GRADE	I.D.	TJ O.D.	THREAD	# JNTS	LENGTH	IN HOLE	ON RACK	REPAIRS	DRILL STRING REMARKS										
ENGINES	LOCATION									NO.	DRILLING ASSEMBLY ( BHA )				O.D.	I.D.	LENGTH	DEVIATION SURVEYS				
	Co. No.																	DEPTH	INCL	AZM		
	HRS TODAY																					
	HRS ON WELL																					
	HRS LAST CHGE																					
	AVERAGE KVA																					
RIG FUEL	DELIVERED TODAY				BOILER			HOURS	FUEL USED													
	On Hand		2255.00			TODAY																
	Used Today		451.00			WELL																
	Used This Well		-2255.00			BOILER #																
	Fuel Brand					BLOWDOWN VOLUMES																
	DISTRIBUTOR																					
MUD MTR	SERIAL #	HRS LAST 24	TOTAL HRS	CUM. WELL HRS	FOOTAGE LAST 24	TOTAL FOOTAGE																
RENTAL ITEMS	DESCRIPTION					DAY RT	STDBY	HLRY														
REPORT REMARKS	used 451 gal of fuel										DEPTH DRILLED											
											FROM	TO	CODE	RPM	W.O.B.							
											7039		C	41	10							

PIONEER OILFIELD SERVICES, LLC										MORNING REPORT					DATE 20101115		RIG NO. 15	JOB TYPE	JOB NO.		WELL TYPE	
WELLNAME ADM Verification Well #1										LEGAL DESCRIPTION					SPUD DATE / TIME 09-23-10 12:30				DAYS FR SPUD 53		PROJECTED TD	
OPERATOR ADM (ARCHER DANIEL MIDLAND)										COUNTY / PARISH Macon				STATE IL	JOB START DATE 09-15-10 15:45			DAYS ON JOB 61		EST. RELEASE		
RIG MANAGER W WOOD					RIG PHONE NUMBER 618-943-0053			OPERATORS REPRESENTATIVE PT HUGHESR			CO. MAN PH NO.		RELEASE DATE / TIME			WEATHER 35D/ S WIND						
OPERATIONS @ REPORT TIME drilling										OPERATIONS NEXT 24 HRS tripping & drilling / logging												
SAFETY	ACCIDENTS OR NEAR MISSES: none										# OF JSA's 3		RIG SAFETY DAYS 54		SAFETY RATE		G.P.S. COORDINATES N 39.8796 W -88.8934		BOP TEST DATE / PRESSURE 10/29/10/1100/250 PSIG			
	SAFETY MEETING TOPICS making conn/ mixing gel & chem										# STOP CARDS		LAST MEETING DATE 9/24AT700			CROWN-O-MATIC CHECKED YES		BOP DRILL DATE / TIME				
	LAST INSPECTION		INSPECTION BY / TITLE			CREW M / U		EXTRA CREWS / WHY?				OFFICE NOTIFIED		MANHOURS PAST 24 96.00		BOP DRILL DATE / TIME						
OPS	CURRENT DEPTH 7205		FOOTAGE LAST 24 7205		PEN. RATE 379.211		ROT. HRS 19.0		MAX. GAS	BCKGR GAS	CONN. GAS	TRIP GAS	LAST CASING SIZE & SET DEPTH 13 3/8 350			RIG COSTS						
	HOOKLOAD 155		PICKUP WEIGHT 155		SLACKOFF 155		ROTATING 155		ROTARY TORQUE			NEXT CASING SIZE & SET DEPTH			DAILY	S & R	RENTAL					
MUD	Time 0500	Mud Wt IN / OUT 9.1		Funnel Vis 66	PV 15	YLD PT 23	10 S GEL 15	10 M GEL 29	Fl. Loss 8.4	FILT CK 1/32	HTHP FL	HTTP FC	FUEL ADDED TO MUD TODAY CUM. 0.00			AVERAGE	0.00	0.00				
	Mud Type salt gel		% SOLIDS 6	% LCM	% SAND 1	% OIL	% H2O 94	pH 9.5	MF .71	PF .23	CALCIUM 20	CHLORIDES 10400	MUD COSTS DAILY 1090.00 CUM. 203059.50			CUMULATIVE	0.00	0.00				
	CENTRIFUGES				SHAKER TYPE NATIONAL				SCREENS 210			CHANGED		WATER SOURCE HYD		CUMULATIVE DAYS	53.0	53.0				
TIME LOG	FROM	TO	HRS	CODE	DETAILS OF OPERATIONS IN SEQUENCE										TIME BREAKDOWN		(Today / Well)					
	700	715	0.25	21	SAFETY MEETING										1: RIG UP / DOWN		0.5					
	715	900	1.75	6	TRIP IN HOLE WITH BIT #11										2: DRILLING		19.0 370.0					
	900	1130	2.5	6	KELLY UP BREAK CIRC./PU 3 SINGLES / WASH TO BOTTOM										3: REAMING		42.25					
	1130	1500	3.5	2	DRILL ACTUAL FROM 7069 TO 7091										4: CORING		133.0					
	1500	1515	0.25	21	SAFETY MEETING										5: COND. & CIRC		94.25					
	1515	2300	7.75	2	DRILL FROM 7091 TO 7143										6: TRIPS		4.25 243.5					
	2300	2315	0.25	21	SAFETY MEETING										7: LUBRICATE RIG							
	2315	0700	7.75	2	DRILL 7143- 7205										8: REPAIR RIG		35.5					
															9: C/O DRILL LINE		1.5					
															10: DEVIATION		12.5					
															11: WIRELINE LOG		70.5					
															12: RUN CSG & CMNT		21.75					
															13: WAIT ON CEMENT		33.5					
															14: NIPPLE UP BOP		31.75					
															15: TEST BOP		7.75					
															16: DRILL STEM TEST							
															17: PLUGBACK		2.25					
															18: SQUEEZE CMNT		1.5					
															19: FISHING							
															20: DIR. WORK							
																	0.75 33.75					
																	26.5					
																	5.25					
														OTHER		0.0	6.75					
														Total Hours		24.0	1174.25					
BITS	BIT#	SIZE	TYPE	MAKE	SERIAL #	NOZZLES		IN @	OUT @	DRILLED	HRS	CUM. HRS	CONDITION	R O P								
	11	8 1/2	GX-44	HTC	5167738	3x12		7069														
	11	8 1/2	GX-44	HTC	5167738	3x12		7069														
	11	8 1/2	GX-44	HTC	5167738	3x12		7069				0.00										
PUMPS	Depth		GPM	PRESSURE	Pump 1		Pump 2		Pump 3		Pump 4			TYPE	STROKE	Manufacturer	HRS	Total HRS	MAX PSI	SPR Kill Rate	KILL (SPM)	
					Liner	SPM	Liner	SPM	Liner	SPM	Liner	SPM	Pump 1	Q-Z9	9IN	N/A		0.00				
	7069 - 7091			1950	6	85	6						Pump 2	Q-Z9	9IN	N/A		0.00				
	7091 - 7143				6		6						Pump 3					0.00				
	7143 - 7205		320	1667	6	51	6	51					Pump 4					0.00				
DRLLSTRG	SIZE	WEIGHT	GRADE	I.D.	TJ O.D.	THREAD	# JNTS	LENGTH	IN HOLE	ON RACK	REPAIRS	DRILL STRING REMARKS										
ENGINES	LOCATION									NO.	DRILLING ASSEMBLY ( BHA )			O.D.	I.D.	LENGTH	DEVIATION SURVEYS					
	Co. No.																DEPTH	INCL	AZM			
	HRS TODAY																					
	HRS ON WELL																					
	HRS LAST CHGE																					
RIG FUEL	DELIVERED TODAY				BOILER			HOURS		FUEL USED												
	On Hand		1558.00			TODAY																
	Used Today		697.00			WELL																
	Used This Well		-1558.00			BOILER #																
	Fuel Brand					BLOWDOWN VOLUMES																
MUD MTR	SERIAL #	HRS LAST 24	TOTAL HRS	CUM. WELL HRS	FOOTAGE LAST 24	TOTAL FOOTAGE																
RENTAL ITEMS	DESCRIPTION					DAY RT	STDBY	HLRY														
REPORT REMARKS	used 697 gal of fuel										DEPTH DRILLED											
											FROM	TO	CODE	RPM	W.O.B.							
											7069	7091	D	55	45							
											7091	7143	D	57	43							
											7143	7205		60	45							

PIONEER OILFIELD SERVICES, LLC										MORNING REPORT					DATE 20101116		RIG NO. 15	JOB TYPE	JOB NO.		WELL TYPE	
WELLNAME ADM Verification Well #1										LEGAL DESCRIPTION					SPUD DATE / TIME 09-23-10 12:30				DAYS FR SPUD 54		PROJECTED TD	
OPERATOR ADM (ARCHER DANIEL MIDLAND)										COUNTY / PARISH Macon				STATE IL	JOB START DATE 09-15-10 15:45			DAYS ON JOB 62		EST. RELEASE		
RIG MANAGER W WOOD					RIG PHONE NUMBER 618-943-0053			OPERATORS REPRESENTATIVE PT HUGHESR			CO. MAN PH NO.		RELEASE DATE / TIME			WEATHER 35D/ S WIND						
OPERATIONS @ REPORT TIME logging										OPERATIONS NEXT 24 HRS logging												
SAFETY	ACCIDENTS OR NEAR MISSES: none										# OF JSA's 3		RIG SAFETY DAYS 55		SAFETY RATE		G.P.S. COORDINATES N 39.8796 W -88.8934		BOP TEST DATE / PRESSURE 10/29/10/1100/250 PSIG			
	SAFETY MEETING TOPICS logging /										# STOP CARDS		LAST MEETING DATE 9/24AT700				CROWN-O-MATIC CHECKED YES		BOP DRILL DATE / TIME			
	LAST INSPECTION		INSPECTION BY / TITLE			CREW M / U		EXTRA CREWS / WHY?				OFFICE NOTIFIED		MANHOURS PAST 24 96.00		BOP DRILL DATE / TIME						
OPS	CURRENT DEPTH 7264		FOOTAGE LAST 24 59		PEN. RATE 8.741		ROT. HRS 6.75		MAX. GAS		BCKGR GAS		CONN. GAS		TRIP GAS		LAST CASING SIZE & SET DEPTH 13 3/8 350		RIG COSTS			
	HOOKLOAD 155		PICKUP WEIGHT 155		SLACKOFF 155		ROTATING 155		ROTARY TORQUE				NEXT CASING SIZE & SET DEPTH				DAILY	S & R	RENTAL			
MUD	Time 230	Mud Wt IN / OUT 9.1		Funnel Vis 65	PV	YLD PT	10 S GEL	10 M GEL	Fl. Loss	FILT CK	HTHP FL	HTTP FC	FUEL ADDED TO MUD TODAY CUM. 0.00		AVERAGE	0.00	0.00					
	Mud Type salt gel		% SOLIDS 6	% LCM	% SAND 1	% OIL	% H2O 94	pH 9.5	MF .71	PF .23	CALCIUM 20	CHLORIDES 10400	MUD COSTS DAILY CUM. 203059.50		CUMULATIVE	0.00	0.00					
	CENTRIFUGES				SHAKER TYPE NATIONAL				SCREENS 210				CHANGED		WATER SOURCE HYD		CUMULATIVE DAYS	54.0	54.0			
TIME LOG	FROM	TO	HRS	CODE	DETAILS OF OPERATIONS IN SEQUENCE										TIME BREAKDOWN		(Today / Well)					
	700	715	0.25	21	safety meeting										1: RIG UP / DOWN			0.5				
	715	1400	6.75	2	DRILL ACTUAL FROM 7205 TO 7264										2: DRILLING		6.75	376.75				
	1400	1500	1.0	6	SHORT TRIP 10 STANDS										3: REAMING			42.25				
	1500	1515	0.25	21	SAFETY MEETING										4: CORING			133.0				
	1515	1530	0.25	6	SHORT TRIP										5: COND. & CIRC		3.5	97.75				
	1530	1900	3.5	5	CONDITION MUD & CIRCULATE										6: TRIPS		5.75	249.25				
	1900	2300	4.0	6	TRIP OUT OF HOLE W/ D P AND COLLARS AND BIT FOR LOG										7: LUBRICATE RIG							
	2300	2315	0.25	21	SAFETY MEETING										8: REPAIR RIG			35.5				
	2315	2345	0.5	6	P.O.O.H										9: C/O DRILL LINE			1.5				
	2345	0700	7.25	11	WIRELINE LOGS										10: DEVIATION			12.5				
															11: WIRELINE LOG		7.25	77.75				
															12: RUN CSG & CMNT			21.75				
															13: WAIT ON CEMENT			33.5				
															14: NIPPLE UP BOP			31.75				
															15: TEST BOP			7.75				
															16: DRILL STEM TEST							
															17: PLUGBACK			2.25				
															18: SQUEEZE CMNT			1.5				
															19: FISHING							
															20: DIR. WORK							
																	0.75	34.5				
																		26.5				
																	5.25					
														OTHER		0.0	6.75					
														Total Hours		24.0	1198.25					
BITS	BIT#	SIZE	TYPE	MAKE	SERIAL #	NOZZLES		IN @	OUT @	DRILLED	HRS	CUM. HRS	CONDITION	R O P								
	11	8 1/2	GX-44	HTC	5167738	3x12		7069				0.00										
	11	8 1/2	GX-44	HTC	5167738	3x12		7069				0.00										
												0.00										
PUMPS	Depth		GPM	PRESSURE	Pump 1		Pump 2		Pump 3		Pump 4			TYPE	STROKE	Manufacturer	HRS	Total HRS	MAX PSI	SPR Kill Rate	KILL (SPM)	
					Liner	SPM	Liner	SPM	Liner	SPM	Liner	SPM	Pump 1	Q-Z9	9IN	N/A		0.00				
	7205 - 7264			1675	6	51	6	51					Pump 2	Q-Z9	9IN	N/A		0.00				
													Pump 3					0.00				
													Pump 4					0.00				
DRLLSTRG	SIZE	WEIGHT	GRADE	I.D.	TJ O.D.	THREAD	# JNTS	LENGTH	IN HOLE	ON RACK	REPAIRS	DRILL STRING REMARKS										
ENGINES	LOCATION									NO.	DRILLING ASSEMBLY ( BHA )			O.D.	I.D.	LENGTH	DEVIATION SURVEYS					
	Co. No.																DEPTH	INCL	AZM			
	HRS TODAY																					
	HRS ON WELL																					
	HRS LAST CHGE																					
RIG FUEL	DELIVERED TODAY				BOILER			HOURS		FUEL USED												
	On Hand		943.00			TODAY																
	Used Today		615.00			WELL																
	Used This Well		-943.00			BOILER #																
	Fuel Brand					BLOWDOWN VOLUMES																
MUD MTR	SERIAL #	HRS LAST 24	TOTAL HRS	CUM. WELL HRS	FOOTAGE LAST 24	TOTAL FOOTAGE																
RENTAL ITEMS	DESCRIPTION					DAY RT	STDBY	HLRY														
REPORT REMARKS	used 615 gal of fuel										DEPTH DRILLED											
											FROM	TO	CODE	RPM	W.O.B.							
											7205	7264	D	55	45							

PIONEER OILFIELD SERVICES, LLC										MORNING REPORT					DATE 20101117		RIG NO. 15	JOB TYPE	JOB NO.		WELL TYPE									
WELLNAME ADM Verification Well #1										LEGAL DESCRIPTION					SPUD DATE / TIME 09-23-10 12:30				DAYS FR SPUD 55		PROJECTED TD									
OPERATOR ADM (ARCHER DANIEL MIDLAND)										COUNTY / PARISH Macon				STATE IL	JOB START DATE 09-15-10 15:45			DAYS ON JOB 63		EST. RELEASE										
RIG MANAGER W WOOD					RIG PHONE NUMBER 618-943-0053			OPERATORS REPRESENTATIVE PT HUGHESR			CO. MAN PH NO.		RELEASE DATE / TIME			WEATHER 35D/ S WIND														
OPERATIONS @ REPORT TIME logging										OPERATIONS NEXT 24 HRS logging/ tripping																				
SAFETY	ACCIDENTS OR NEAR MISSES: none										# OF JSA's 3		RIG SAFETY DAYS 56		SAFETY RATE		G.P.S. COORDINATES N 39.8796 W -88.8934		BOP TEST DATE / PRESSURE 10/29/10/1100/250 PSIG											
	SAFETY MEETING TOPICS logging/ picking up location										# STOP CARDS		LAST MEETING DATE 9/24AT700				CROWN-O-MATIC CHECKED YES		BOP DRILL DATE / TIME											
	LAST INSPECTION		INSPECTION BY / TITLE			CREW M / U		EXTRA CREWS / WHY?				OFFICE NOTIFIED		MANHOURS PAST 24 88.00		BOP DRILL DATE / TIME														
OPS	CURRENT DEPTH		FOOTAGE LAST 24		PEN. RATE		ROT. HRS		MAX. GAS		BCKGR GAS		CONN. GAS		TRIP GAS		LAST CASING SIZE & SET DEPTH 9 5/8 5320		RIG COSTS											
	HOOKLOAD 155		PICKUP WEIGHT 155		SLACKOFF 155		ROTATING 155		ROTARY TORQUE				NEXT CASING SIZE & SET DEPTH		DAILY		S & R		RENTAL											
MUD	Time	Mud Wt IN / OUT		Funnel Vis		PV		YLD PT		10 S GEL		10 M GEL		Fl. Loss		FILT CK		HTHP FL		HTTP FC		FUEL ADDED TO MUD TODAY CUM. 0.00		AVERAGE		0.00		0.00		
	Mud Type salt gel		% SOLIDS 6		% LCM		% SAND 1		% OIL		% H2O 94		pH 9.5		MF .71		PF .23		CALCIUM 20		CHLORIDES 10400		MUD COSTS DAILY CUM. 203059.50		CUMULATIVE		0.00		0.00	
	CENTRIFUGES				SHAKER TYPE NATIONAL				SCREENS 210				CHANGED		WATER SOURCE HYD		CUMULATIVE DAYS		55.0		55.0									
TIME LOG	FROM	TO	HRS	CODE	DETAILS OF OPERATIONS IN SEQUENCE															TIME BREAKDOWN		(Today / Well)								
	700	715	0.25	21	SARFETY MEETING															1: RIG UP / DOWN		0.5								
	715	1500	7.75	11	WIRELINE LOGS															2: DRILLING		376.75								
	1500	1515	0.25	21	safety meeting															3: REAMING		42.25								
	1515	2300	7.75	11	WIRELINE LOGS															4: CORING		133.0								
	2300	2315	0.25	21	SAFETY MEETING															5: COND. & CIRC		97.75								
	2315	0700	7.75	11	WIRELINE LOGS															6: TRIPS		249.25								
																				7: LUBRICATE RIG										
																				8: REPAIR RIG		35.5								
																				9: C/O DRILL LINE		1.5								
																				10: DEVIATION		12.5								
																				11: WIRELINE LOG		23.25 101.0								
																				12: RUN CSG & CMNT		21.75								
																				13: WAIT ON CEMENT		33.5								
																				14: NIPPLE UP BOP		31.75								
																				15: TEST BOP		7.75								
																				16: DRILL STEM TEST										
																				17: PLUGBACK		2.25								
																				18: SQUEEZE CMNT		1.5								
																				19: FISHING										
																				20: DIR. WORK										
																						0.75 35.25								
																					26.5									
																					5.25									
																			OTHER		6.75									
																			Total Hours		24.0 1222.25									
BITS	BIT#	SIZE	TYPE	MAKE	SERIAL #	NOZZLES		IN @	OUT @	DRILLED	HRS	CUM. HRS	CONDITION		R O P															
												0.00																		
												0.00																		
												0.00																		
												0.00																		
PUMPS	Depth		GPM	PRESSURE	Pump 1		Pump 2		Pump 3		Pump 4			TYPE	STROKE	Manufacturer	HRS	Total HRS	MAX PSI	SPR Kill Rate	KILL (SPM)									
					Liner	SPM	Liner	SPM	Liner	SPM	Liner	SPM	Pump 1	Q-Z9	9IN	N/A		0.00												
					6	6							Pump 2	Q-Z9	9IN	N/A		0.00												
													Pump 3					0.00												
													Pump 4					0.00												
DRLLSTRG	SIZE	WEIGHT	GRADE	I.D.	TJ O.D.	THREAD	# JNTS	LENGTH	IN HOLE	ON RACK	REPAIRS	DRILL STRING REMARKS																		
ENGINES	LOCATION										NO.	DRILLING ASSEMBLY ( BHA )			O.D.	I.D.	LENGTH	DEVIATION SURVEYS												
	Co. No.																	DEPTH	INCL	AZM										
	HRS TODAY																													
	HRS ON WELL																													
	HRS LAST CHGE																													
RIG FUEL	DELIVERED TODAY				BOILER			HOURS		FUEL USED																				
	On Hand		779.00			TODAY																								
	Used Today		164.00			WELL																								
	Used This Well		-779.00			BOILER #																								
	Fuel Brand					BLOWDOWN VOLUMES																								
MUD MTR	SERIAL #	HRS LAST 24	TOTAL HRS	CUM. WELL HRS	FOOTAGE LAST 24	TOTAL FOOTAGE																								
RENTAL ITEMS	DESCRIPTION					DAY RT	STDBY	HLRY																						
REPORT REMARKS	used 164 gal of fuel										DEPTH DRILLED																			
											FROM	TO	CODE	RPM	W.O.B.															

PIONEER OILFIELD SERVICES, LLC										MORNING REPORT					DATE 20101118		RIG NO. 15	JOB TYPE	JOB NO.		WELL TYPE									
WELLNAME ADM Verification Well #1										LEGAL DESCRIPTION					SPUD DATE / TIME 09-23-10 12:30				DAYS FR SPUD 56		PROJECTED TD									
OPERATOR ADM (ARCHER DANIEL MIDLAND)										COUNTY / PARISH Macon				STATE IL	JOB START DATE 09-15-10 15:45			DAYS ON JOB 64		EST. RELEASE										
RIG MANAGER W WOOD					RIG PHONE NUMBER 618-943-0053			OPERATORS REPRESENTATIVE PT HUGHESR			CO. MAN PH NO.		RELEASE DATE / TIME			WEATHER 35D/ S WIND														
OPERATIONS @ REPORT TIME logging										OPERATIONS NEXT 24 HRS logging/ tripping																				
SAFETY	ACCIDENTS OR NEAR MISSES: none										# OF JSA's 3		RIG SAFETY DAYS 57		SAFETY RATE		G.P.S. COORDINATES N 39.8796 W -88.8934		BOP TEST DATE / PRESSURE 10/29/10/1100/250 PSIG											
	SAFETY MEETING TOPICS logging/ tripping										# STOP CARDS		LAST MEETING DATE 9/24AT700				CROWN-O-MATIC CHECKED YES		BOP DRILL DATE / TIME											
	LAST INSPECTION		INSPECTION BY / TITLE			CREW M / U		EXTRA CREWS / WHY?				OFFICE NOTIFIED		MANHOURS PAST 24 96.00		BOP DRILL DATE / TIME														
OPS	CURRENT DEPTH		FOOTAGE LAST 24		PEN. RATE		ROT. HRS		MAX. GAS		BCKGR GAS		CONN. GAS		TRIP GAS		LAST CASING SIZE & SET DEPTH 13 3/8 350		RIG COSTS											
MUD	HOOKLOAD 155		PICKUP WEIGHT 155			SLACKOFF 155			ROTATING 155			ROTARY TORQUE			NEXT CASING SIZE & SET DEPTH			DAILY												
	Time		Mud Wt IN / OUT		Funnel Vis		PV		YLD PT		10 S GEL		10 M GEL		Fl. Loss		FILT CK		HTHP FL		HTTP FC		FUEL ADDED TO MUD TODAY CUM. 0.00		AVERAGE		0.00		0.00	
	Mud Type salt gel		% SOLIDS 6		% LCM		% SAND 1		% OIL		% H2O 94		pH 9.5		MF .71		PF .23		CALCIUM 20		CHLORIDES 10400		MUD COSTS DAILY CUM. 203059.50		CUMULATIVE		0.00		0.00	
CENTRIFUGES					SHAKER TYPE NATIONAL					SCREENS 210					CHANGED		WATER SOURCE HYD		CUMULATIVE DAYS		56.0		56.0							
TIME LOG	FROM	TO	HRS	CODE	DETAILS OF OPERATIONS IN SEQUENCE															TIME BREAKDOWN		(Today / Well)								
	700	715	0.25	21	SAFETY MEETING															1: RIG UP / DOWN		0.5								
	715	1500	7.75	11	WIRELINE LOGS / LOGGING 8 1/2 inch hole															2: DRILLING		376.75								
	1500	1515	0.25	21	safety meeting															3: REAMING		42.25								
	1515	2300	7.75	11	WIRELINE LOGS logging 8 1/2 inch hole															4: CORING		133.0								
	2300	2315	0.25	21	SAFETY MEETING															5: COND. & CIRC		97.75								
	2315	0700	7.75	11	WIRELINE LOGS															6: TRIPS		249.25								
																				7: LUBRICATE RIG										
																				8: REPAIR RIG		35.5								
																				9: C/O DRILL LINE		1.5								
																				10: DEVIATION		12.5								
																				11: WIRELINE LOG		23.25 124.25								
																				12: RUN CSG & CMNT		21.75								
																				13: WAIT ON CEMENT		33.5								
																				14: NIPPLE UP BOP		31.75								
																				15: TEST BOP		7.75								
																				16: DRILL STEM TEST										
																				17: PLUGBACK		2.25								
																				18: SQUEEZE CMNT		1.5								
																				19: FISHING										
																				20: DIR. WORK										
																						0.75 36.0								
																					26.5									
																					5.25									
																			OTHER		6.75									
																			Total Hours		24.0 1246.25									
BITS	BIT#	SIZE	TYPE	MAKE	SERIAL #	NOZZLES	IN @	OUT @	DRILLED	HRS	CUM. HRS	CONDITION	R O P																	
											0.00																			
											0.00																			
											0.00																			
											0.00																			
PUMPS	Depth	GPM	PRESSURE	Pump 1 Liner SPM	Pump 2 Liner SPM	Pump 3 Liner SPM	Pump 4 Liner SPM	Pump 1 Q-Z9	TYPE Q-Z9	STROKE 9IN	Manufacturer N/A	HRS	Total HRS	MAX PSI	SPR Kill Rate	KILL (SPM)														
								Pump 2 Q-Z9		9IN	N/A		0.00																	
								Pump 3					0.00																	
								Pump 4					0.00																	
DRLLSTRG	SIZE	WEIGHT	GRADE	I.D.	TJ O.D.	THREAD	# JNTS	LENGTH	IN HOLE	ON RACK	REPAIRS	DRILL STRING REMARKS																		
ENGINES	LOCATION								NO.	DRILLING ASSEMBLY ( BHA )			O.D.	I.D.	LENGTH	DEVIATION SURVEYS														
	Co. No.															DEPTH	INCL	AZM												
	HRS TODAY																													
	HRS ON WELL																													
	HRS LAST CHGE																													
	AVERAGE KVA																													
RIG FUEL	DELIVERED TODAY			BOILER		HOURS	FUEL USED																							
	On Hand	574.00	TODAY																											
	Used Today	205.00	WELL																											
	Used This Well	-574.00	BOILER #																											
	Fuel Brand		BLOWDOWN VOLUMES																											
	DISTRIBUTOR																													
MUD MTR	SERIAL #	HRS LAST 24	TOTAL HRS	CUM. WELL HRS	FOOTAGE LAST 24	TOTAL FOOTAGE																								
RENTAL ITEMS	DESCRIPTION					DAY RT	STDBY	HLRY																						
REPORT REMARKS	used 205 gal of fuel										DEPTH DRILLED																			
											FROM	TO	CODE	RPM	W.O.B.															



PIONEER OILFIELD SERVICES, LLC										MORNING REPORT					DATE 20101119		RIG NO. 15	JOB TYPE	JOB NO.		WELL TYPE	
WELLNAME ADM Verification Well #1										LEGAL DESCRIPTION					SPUD DATE / TIME 09-23-10 12:30				DAYS FR SPUD 57		PROJECTED TD	
OPERATOR ADM (ARCHER DANIEL MIDLAND)										COUNTY / PARISH Macon				STATE IL	JOB START DATE 09-15-10 15:45			DAYS ON JOB 65		EST. RELEASE		
RIG MANAGER W WOOD					RIG PHONE NUMBER 618-943-0053			OPERATORS REPRESENTATIVE PT HUGHESR			CO. MAN PH NO.		RELEASE DATE / TIME			WEATHER 35D/ S WIND						
OPERATIONS @ REPORT TIME logging										OPERATIONS NEXT 24 HRS logging/ tripping												
SAFETY	ACCIDENTS OR NEAR MISSES: none										# OF JSA's 3		RIG SAFETY DAYS 58		SAFETY RATE		G.P.S. COORDINATES N 39.8796 W -88.8934		BOP TEST DATE / PRESSURE 10/29/10/1100/250 PSIG			
	SAFETY MEETING TOPICS tripping/. logging										# STOP CARDS		LAST MEETING DATE 9/24AT700				CROWN-O-MATIC CHECKED YES		BOP DRILL DATE / TIME			
	LAST INSPECTION		INSPECTION BY / TITLE			CREW M / U		EXTRA CREWS / WHY?				OFFICE NOTIFIED		MANHOURS PAST 24 96.00		BOP DRILL DATE / TIME						
OPS	CURRENT DEPTH		FOOTAGE LAST 24		PEN. RATE		ROT. HRS		MAX. GAS		BCKGR GAS		CONN. GAS		TRIP GAS		LAST CASING SIZE & SET DEPTH 9 5/8 5320		RIG COSTS			
	HOOKLOAD 155		PICKUP WEIGHT 155		SLACKOFF 155		ROTATING 155		ROTARY TORQUE				NEXT CASING SIZE & SET DEPTH		DAILY		S & R		RENTAL			
MUD	Time 1730	Mud Wt IN / OUT 9.1		Funnel Vis 62		PV 12	YLD PT 27	10 S GEL 18	10 M GEL 23	Fl. Loss 6.8	FILT CK 1/32	HTHP FL		HTTP FC		FUEL ADDED TO MUD TODAY CUM. 0.00		AVERAGE		0.00	0.00	
	Mud Type salt gel		% SOLIDS 5	% LCM	% SAND	% OIL	% H2O 95	pH 9.5	MF .5	PF .1	CALCIUM 20		CHLORIDES 8500		MUD COSTS DAILY 1180.00 CUM. 204239.50		CUMULATIVE		0.00	0.00		
	CENTRIFUGES				SHAKER TYPE NATIONAL				SCREENS 210				CHANGED		WATER SOURCE HYD		CUMULATIVE DAYS		57.0	57.0		
TIME LOG	FROM	TO	HRS	CODE	DETAILS OF OPERATIONS IN SEQUENCE										TIME BREAKDOWN		(Today / Well)					
	700	715	0.25	21	SAFETY MEETING										1: RIG UP / DOWN		0.5					
	715	745	0.5	22	WAIT ON SCHLUMBERGER TO MAKE DECISION										2: DRILLING		376.75					
	745	815	0.5	11	RIG DOWN LOGGERS										3: REAMING		42.25					
	815	1030	2.25	8	SLIP DRILLING LINE										4: CORING		133.0					
	1030	1500	4.5	6	TRIP IN HOLE & CIRC @ 2000FT'/5200FT'/ AND BOTTOMS UP										5: COND. & CIRC		2.25	100.0				
	1500	1515	0.25	21	SAFETY MEETING										6: TRIPS		9.25	258.5				
	1515	1530	0.25	5	CIRC AT 5400FT										7: LUBRICATE RIG							
	1530	1630	1.0	6	TRIP IN HOLE										8: REPAIR RIG		2.25	37.75				
	1630	1830	2.0	5	CIRC HOLE CLEAN										9: C/O DRILL LINE		1.5					
	1830	2215	3.75	6	TRIP OUT OF HOLE FOR LOG										10: DEVIATION		12.5					
	2215	2300	0.75	11	RIG UP LOGGERS										11: WIRELINE LOG		9.0	133.25				
	2300	2315	0.25	21	SAFETY MEETING										12: RUN CSG & CMNT		21.75					
	2315	0700	7.75	11	WIRELINE LOGS										13: WAIT ON CEMENT		33.5					
															14: NIPPLE UP BOP		31.75					
															15: TEST BOP		7.75					
															16: DRILL STEM TEST							
															17: PLUGBACK		2.25					
															18: SQUEEZE CMNT		1.5					
															19: FISHING							
															20: DIR. WORK							
																	0.75	36.75				
																	0.5	27.0				
																5.25						
														OTHER		6.75						
														Total Hours		24.0	1270.25					
BITS	BIT#	SIZE	TYPE	MAKE	SERIAL #	NOZZLES		IN @	OUT @	DRILLED	HRS	CUM. HRS	CONDITION		R O P							
												0.00										
												0.00										
												0.00										
PUMPS	Depth		GPM	PRESSURE	Pump 1 Liner SPM		Pump 2 Liner SPM		Pump 3 Liner SPM		Pump 4 Liner SPM			TYPE	STROKE	Manufacturer	HRS	Total HRS	MAX PSI	SPR Kill Rate	KILL (SPM)	
					6 6								Pump 1	Q-Z9	9IN	N/A		0.00				
													Pump 2	Q-Z9	9IN	N/A		0.00				
													Pump 3					0.00				
													Pump 4					0.00				
DRLLSTRG	SIZE	WEIGHT	GRADE	I.D.	TJ O.D.	THREAD	# JNTS	LENGTH	IN HOLE	ON RACK	REPAIRS	DRILL STRING REMARKS										
ENGINES	LOCATION									NO.	DRILLING ASSEMBLY ( BHA )				O.D.	I.D.	LENGTH	DEVIATION SURVEYS				
	Co. No.																	DEPTH	INCL	AZM		
	HRS TODAY																					
	HRS ON WELL																					
	HRS LAST CHGE																					
RIG FUEL	DELIVERED TODAY				BOILER			HOURS		FUEL USED												
	On Hand		1066.00			TODAY																
	Used Today		-492.00			WELL																
	Used This Well		-1066.00			BOILER #																
	Fuel Brand					BLOWDOWN VOLUMES																
MUD MTR	SERIAL #	HRS LAST 24	TOTAL HRS	CUM. WELL HRS	FOOTAGE LAST 24	TOTAL FOOTAGE																
RENTAL ITEMS	DESCRIPTION					DAY RT	STDBY	HLRY														
REPORT REMARKS	USED 410 GAL OF FUEL										DEPTH DRILLED											
											FROM	TO	CODE	RPM	W.O.B.							

PIONEER OILFIELD SERVICES, LLC										MORNING REPORT					DATE 20101120		RIG NO. 15	JOB TYPE	JOB NO.		WELL TYPE									
WELLNAME ADM Verification Well #1										LEGAL DESCRIPTION					SPUD DATE / TIME 09-23-10 12:30				DAYS FR SPUD 58		PROJECTED TD									
OPERATOR ADM (ARCHER DANIEL MIDLAND)										COUNTY / PARISH Macon				STATE IL	JOB START DATE 09-15-10 15:45			DAYS ON JOB 66		EST. RELEASE										
RIG MANAGER W WOOD					RIG PHONE NUMBER 618-943-0053			OPERATORS REPRESENTATIVE PT HUGHESR			CO. MAN PH NO.		RELEASE DATE / TIME			WEATHER 35D/ S WIND														
OPERATIONS @ REPORT TIME CIRCULATEING FOR PIPE LAY DOWN & CASEING RUN										OPERATIONS NEXT 24 HRS LAYING DOWN PIPE/ RUNNING 5 1/2 TUBEING																				
SAFETY	ACCIDENTS OR NEAR MISSES: NONE										# OF JSA's 3		RIG SAFETY DAYS 59		SAFETY RATE		G.P.S. COORDINATES N 39.8796 W -88.8934		BOP TEST DATE / PRESSURE 10/29/10/1100/250 PSIG											
	SAFETY MEETING TOPICS LAYING DOWN PIPE/ RUNNING CASEING										# STOP CARDS		LAST MEETING DATE 9/24AT700				CROWN-O-MATIC CHECKED YES		BOP DRILL DATE / TIME											
	LAST INSPECTION		INSPECTION BY / TITLE			CREW M / U		EXTRA CREWS / WHY?				OFFICE NOTIFIED		MANHOURS PAST 24 64.00		BOP DRILL DATE / TIME														
OPS	CURRENT DEPTH		FOOTAGE LAST 24		PEN. RATE		ROT. HRS		MAX. GAS		BCKGR GAS		CONN. GAS		TRIP GAS		LAST CASING SIZE & SET DEPTH 9 5/8 5320			RIG COSTS										
	HOOKLOAD 155		PICKUP WEIGHT 155		SLACKOFF 155		ROTATING 155		ROTARY TORQUE				NEXT CASING SIZE & SET DEPTH			DAILY		S & R		RENTAL										
MUD	Time	Mud Wt IN / OUT		Funnel Vis		PV		YLD PT		10 S GEL		10 M GEL		Fl. Loss		FILT CK		HTHP FL		HTTP FC		FUEL ADDED TO MUD TODAY CUM. 0.00		AVERAGE		0.00		0.00		
	Mud Type salt gel		% SOLIDS 5		% LCM		% SAND		% OIL		% H2O 95		pH 9.5		MF .5		PF .1		CALCIUM 20		CHLORIDES 8500		MUD COSTS DAILY CUM. 204239.50		CUMULATIVE		0.00		0.00	
	CENTRIFUGES				SHAKER TYPE NATIONAL				SCREENS 210				CHANGED		WATER SOURCE HYD		CUMULATIVE DAYS		58.0		58.0									
TIME LOG	FROM	TO	HRS	CODE	DETAILS OF OPERATIONS IN SEQUENCE															TIME BREAKDOWN		(Today / Well)								
	700	715	0.25	21	SAFETY MEETING															1: RIG UP / DOWN		0.5								
	715	1500	7.75	11	LOGGING 8 1/2 IN HOLE															2: DRILLING		376.75								
	1500	1515	0.25	21	SAFETY MEETING															3: REAMING		42.25								
	1515	2300	7.75	11	LOGGING 8 1/2 INCH HOLE. RETREIVED 120 CORES															4: CORING		133.0								
	2300	2315	0.25	21	SAFETY MEETING															5: COND. & CIRC		2.0 102.0								
	2315	0100	1.75	11	WIRELINE LOGS															6: TRIPS		4.0 262.5								
	0100	0400	3.0	6	T.I.H.															7: LUBRICATE RIG										
	0400	0430	0.5	5	BREAK CIRCULATION + CIRCULATE 20 MIN STAND 55															8: REPAIR RIG		37.75								
	0430	0530	1.0	6	T.I.H															9: C/O DRILL LINE		1.5								
	0530	0700	1.5	5	CONDITION MUD & CIRCULATE															10: DEVIATION		12.5								
																				11: WIRELINE LOG		17.25 150.5								
																				12: RUN CSG & CMNT		21.75								
																				13: WAIT ON CEMENT		33.5								
																				14: NIPPLE UP BOP		31.75								
																				15: TEST BOP		7.75								
																				16: DRILL STEM TEST										
																				17: PLUGBACK		2.25								
																				18: SQUEEZE CMNT		1.5								
																				19: FISHING										
																				20: DIR. WORK										
																						0.75 37.5								
																						27.0								
																						5.25								
																			OTHER		6.75									
																			Total Hours		24.0 1294.25									
BITS	BIT#	SIZE	TYPE	MAKE	SERIAL #	NOZZLES	IN @	OUT @	DRILLED	HRS	CUM. HRS	CONDITION	R O P																	
											0.00																			
											0.00																			
											0.00																			
											0.00																			
PUMPS	Depth		GPM	PRESSURE	Pump 1 Liner SPM		Pump 2 Liner SPM		Pump 3 Liner SPM		Pump 4 Liner SPM			TYPE	STROKE	Manufacturer	HRS	Total HRS	MAX PSI	SPR Kill Rate	KILL (SPM)									
					6 6								Pump 1	Q-Z9	9IN	N/A		0.00												
													Pump 2	Q-Z9	9IN	N/A		0.00												
													Pump 3					0.00												
													Pump 4					0.00												
DRLLSTRG	SIZE	WEIGHT	GRADE	I.D.	TJ O.D.	THREAD	# JNTS	LENGTH	IN HOLE	ON RACK	REPAIRS	DRILL STRING REMARKS																		
ENGINES	LOCATION									NO.	DRILLING ASSEMBLY ( BHA )				O.D.	I.D.	LENGTH	DEVIATION SURVEYS												
	Co. No.																	DEPTH	INCL	AZM										
	HRS TODAY																													
	HRS ON WELL																													
	HRS LAST CHGE																													
	AVERAGE KVA																													
RIG FUEL	DELIVERED TODAY				BOILER			HOURS		FUEL USED																				
	On Hand		861.00			TODAY																								
	Used Today		205.00			WELL																								
	Used This Well		-861.00			BOILER #																								
	Fuel Brand					BLOWDOWN VOLUMES																								
	DISTRIBUTOR																													
MUD MTR	SERIAL #	HRS LAST 24	TOTAL HRS	CUM. WELL HRS	FOOTAGE LAST 24	TOTAL FOOTAGE																								
RENTAL ITEMS	DESCRIPTION					DAY RT	STDBY	HRLY																						
REPORT REMARKS	USED 205 GAL OF FUEL															DEPTH DRILLED														
																FROM	TO	CODE	RPM	W.O.B.										

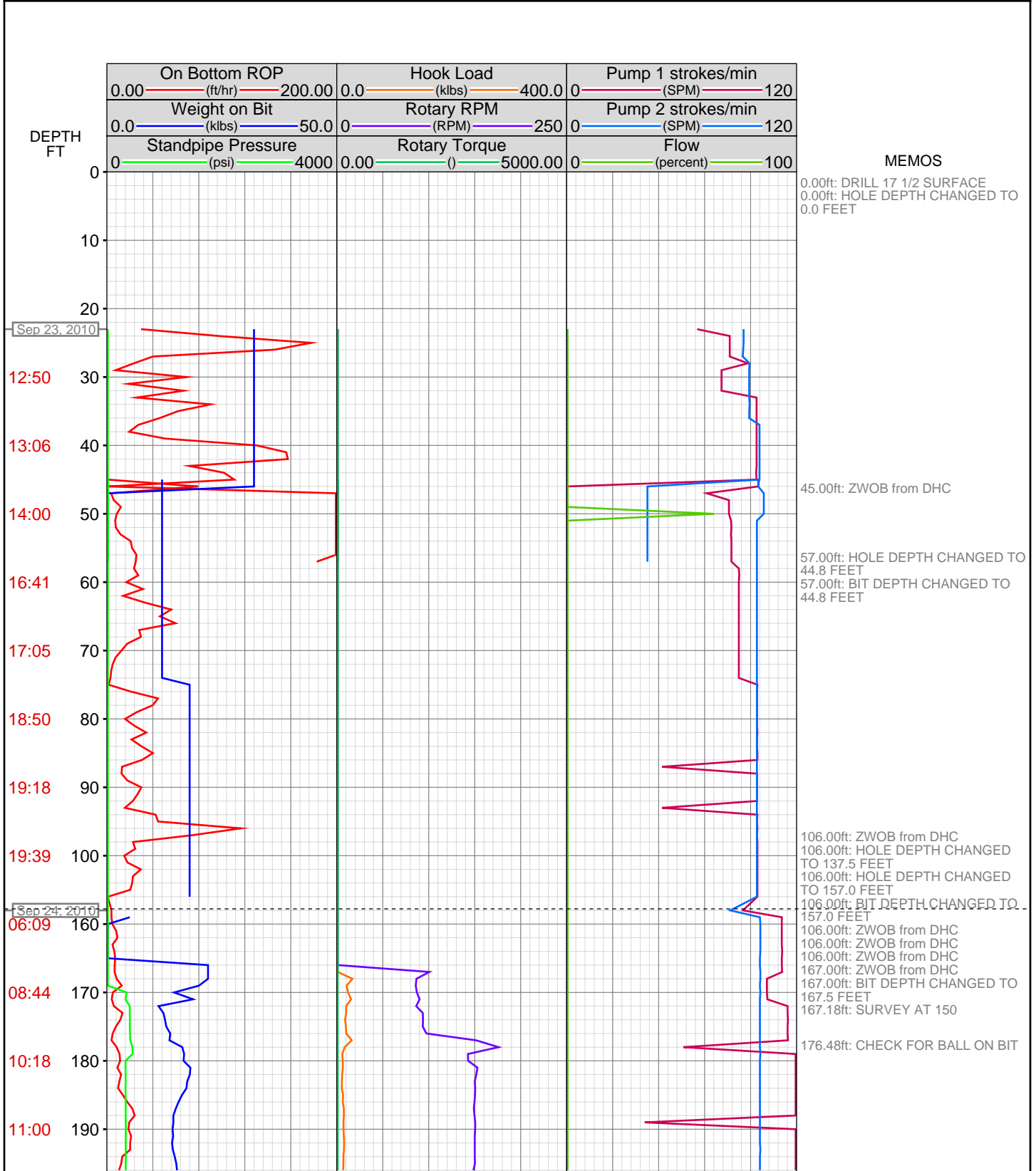
PIONEER OILFIELD SERVICES, LLC										MORNING REPORT					DATE 20101121		RIG NO. 15	JOB TYPE	JOB NO.		WELL TYPE	
WELLNAME ADM Verification Well #1										LEGAL DESCRIPTION					SPUD DATE / TIME 09-23-10 12:30				DAYS FR SPUD 59		PROJECTED TD	
OPERATOR ADM (ARCHER DANIEL MIDLAND)										COUNTY / PARISH Macon				STATE IL	JOB START DATE 09-15-10 15:45			DAYS ON JOB 67		EST. RELEASE		
RIG MANAGER W WOOD				RIG PHONE NUMBER 618-943-0053			OPERATORS REPRESENTATIVE PT HUGHESR			CO. MAN PH NO.		RELEASE DATE / TIME			WEATHER 35D/ S WIND							
OPERATIONS @ REPORT TIME RUNNING 5 1/2 CASEING										OPERATIONS NEXT 24 HRS RUNNING 5 1/2 CASEING												
SAFETY	ACCIDENTS OR NEAR MISSES: NONE										# OF JSA's 3		RIG SAFETY DAYS 60		SAFETY RATE		G.P.S. COORDINATES N 39.8796 W -88.8934		BOP TEST DATE / PRESSURE 10/29/10/1100/250 PSIG			
	SAFETY MEETING TOPICS RUN CASEING/ CEMENTING CASEING										# STOP CARDS		LAST MEETING DATE 9/24AT700			CROWN-O-MATIC CHECKED YES		BOP DRILL DATE / TIME				
	LAST INSPECTION		INSPECTION BY / TITLE			CREW M / U		EXTRA CREWS / WHY?				OFFICE NOTIFIED		MANHOURS PAST 24 142.00		BOP DRILL DATE / TIME						
OPS	CURRENT DEPTH		FOOTAGE LAST 24		PEN. RATE	ROT. HRS		MAX. GAS	BCKGR GAS	CONN. GAS	TRIP GAS	LAST CASING SIZE & SET DEPTH 9 5/8 5320			RIG COSTS							
HOOKLOAD 155		PICKUP WEIGHT 155			SLACKOFF 155		ROTATING 155		ROTARY TORQUE			NEXT CASING SIZE & SET DEPTH 5 1/2 7264			DAILY							
MUD	Time	Mud Wt IN / OUT		Funnel Vis	PV	YLD PT	10 S GEL	10 M GEL	Fl. Loss	FILT CK	HTHP FL	HTTP FC	FUEL ADDED TO MUD TODAY CUM. 0.00		AVERAGE		0.00	0.00				
	Mud Type salt gel		% SOLIDS 5	% LCM	% SAND	% OIL	% H2O 95	pH 9.5	MF .5	PF .1	CALCIUM 20	CHLORIDES 8500	MUD COSTS DAILY CUM. 204239.50		CUMULATIVE		0.00	0.00				
	CENTRIFUGES				SHAKER TYPE NATIONAL				SCREENS 210			CHANGED		WATER SOURCE HYD		CUMULATIVE DAYS		59.0	59.0			
TIME LOG	FROM	TO	HRS	CODE	DETAILS OF OPERATIONS IN SEQUENCE										TIME BREAKDOWN		(Today / Well)					
	700	715	0.25	21	SAFETY MEETING										1: RIG UP / DOWN		0.5					
	715	845	1.5	5	CONDITION MUD & CIRCULATE										2: DRILLING		376.75					
	845	1500	6.25	22	LAY DOWN D,P										3: REAMING		42.25					
	1500	1515	0.25	21	SAFETY MEETING										4: CORING		133.0					
	1515	2030	5.25	22	LAY DOWN DP AND COLLARS AND KELLY AND SWIVEL										5: COND. & CIRC		1.5	103.5				
	2030	2300	2.5	12	RIG UP TO RUN CASING										6: TRIPS		262.5					
															7: LUBRICATE RIG							
															8: REPAIR RIG		37.75					
															9: C/O DRILL LINE		1.5					
	2300	2315	0.25	21	SAFETY MEETING										10: DEVIATION		12.5					
	2315	2330	0.25	12	WAIT ON CASEING CREW / MOVE CHROME TUBING ON RACKS										11: WIRELINE LOG		150.5					
	2330	145	2.25	12	RIG UP CASEING CREW										12: RUN CSG & CMNT		10.25	32.0				
	145	700	5.25	12	RUN CHROME 5 1/2 TUBEING										13: WAIT ON CEMENT		33.5					
															14: NIPPLE UP BOP		31.75					
															15: TEST BOP		7.75					
															16: DRILL STEM TEST							
															17: PLUGBACK		2.25					
															18: SQUEEZE CMNT		1.5					
														19: FISHING								
														20: DIR. WORK								
																0.75	38.25					
																11.5	38.5					
																5.25						
														OTHER		6.75						
														Total Hours		24.0	1318.25					
BITS	BIT#	SIZE	TYPE	MAKE	SERIAL #	NOZZLES		IN @	OUT @	DRILLED	HRS	CUM. HRS	CONDITION	R O P								
												0.00										
												0.00										
												0.00										
												0.00										
PUMPS	Depth		GPM	PRESSURE	Pump 1 Liner SPM		Pump 2 Liner SPM		Pump 3 Liner SPM		Pump 4 Liner SPM			TYPE	STROKE	Manufacturer	HRS	Total HRS	MAX PSI	SPR Kill Rate	KILL (SPM)	
					6 6								Pump 1	Q-Z9	9IN	N/A		0.00				
													Pump 2	Q-Z9	9IN	N/A		0.00				
													Pump 3					0.00				
													Pump 4					0.00				
DRLLSTRG	SIZE	WEIGHT	GRADE	I.D.	TJ O.D.	THREAD	# JNTS	LENGTH	IN HOLE	ON RACK	REPAIRS	DRILL STRING REMARKS										
ENGINES	LOCATION										NO.	DRILLING ASSEMBLY ( BHA )			O.D.	I.D.	LENGTH	DEVIATION SURVEYS				
	Co. No.																	DEPTH	INCL	AZM		
	HRS TODAY																					
	HRS ON WELL																					
	HRS LAST CHGE																					
	AVERAGE KVA																					
RIG FUEL	DELIVERED TODAY				BOILER			HOURS		FUEL USED												
	On Hand		410.00			TODAY																
	Used Today		451.00			WELL																
	Used This Well		-410.00			BOILER #																
	Fuel Brand					BLOWDOWN VOLUMES																
	DISTRIBUTOR																					
MUD MTR	SERIAL #	HRS LAST 24	TOTAL HRS	CUM. WELL HRS	FOOTAGE LAST 24	TOTAL FOOTAGE																
RENTAL ITEMS	DESCRIPTION					DAY RT	STDBY	HLRY														
REPORT REMARKS	USED 410 GAL OF FUEL										DEPTH DRILLED											
											FROM	TO	CODE	RPM	W.O.B.							

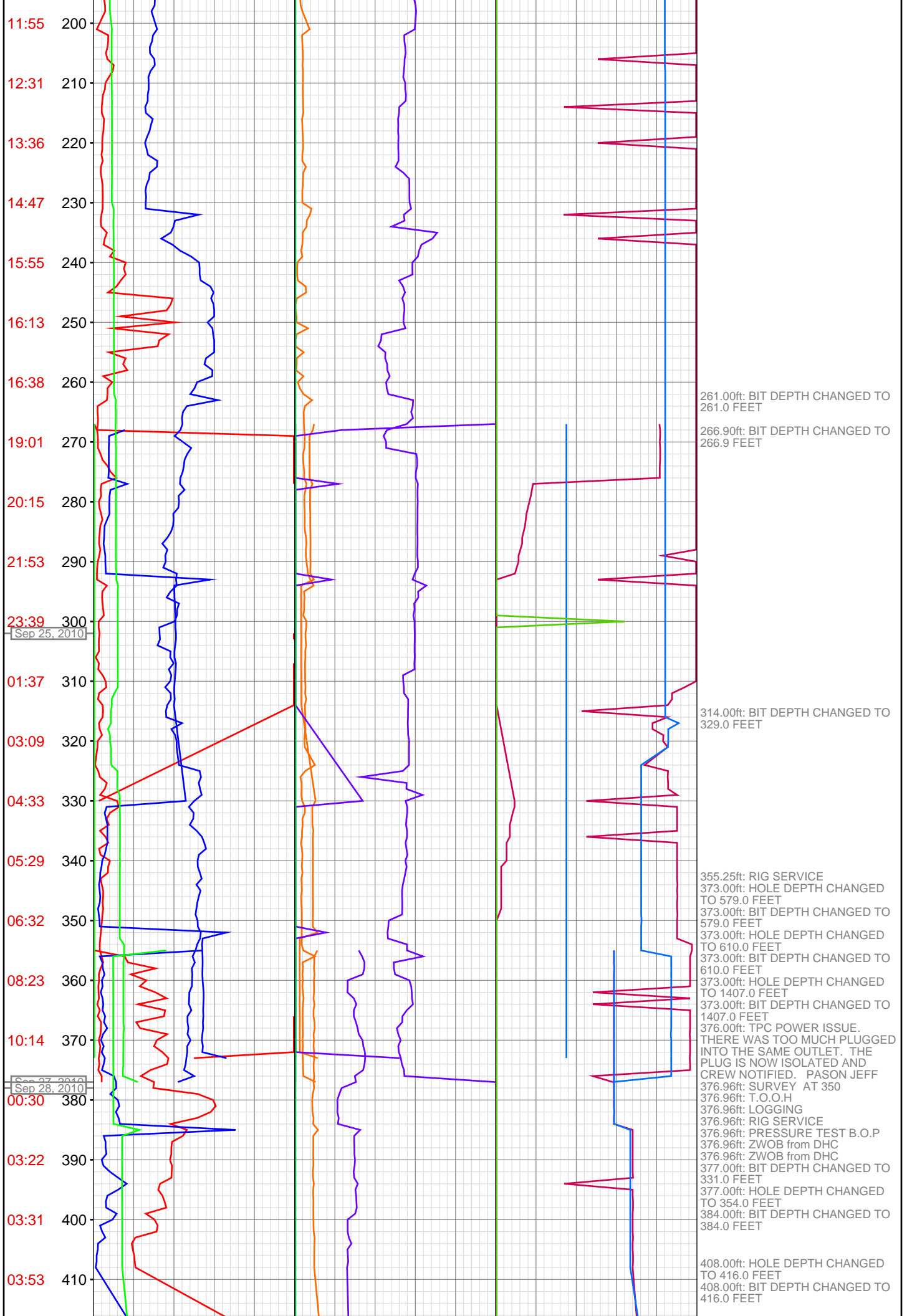
# DataHub EDR Log

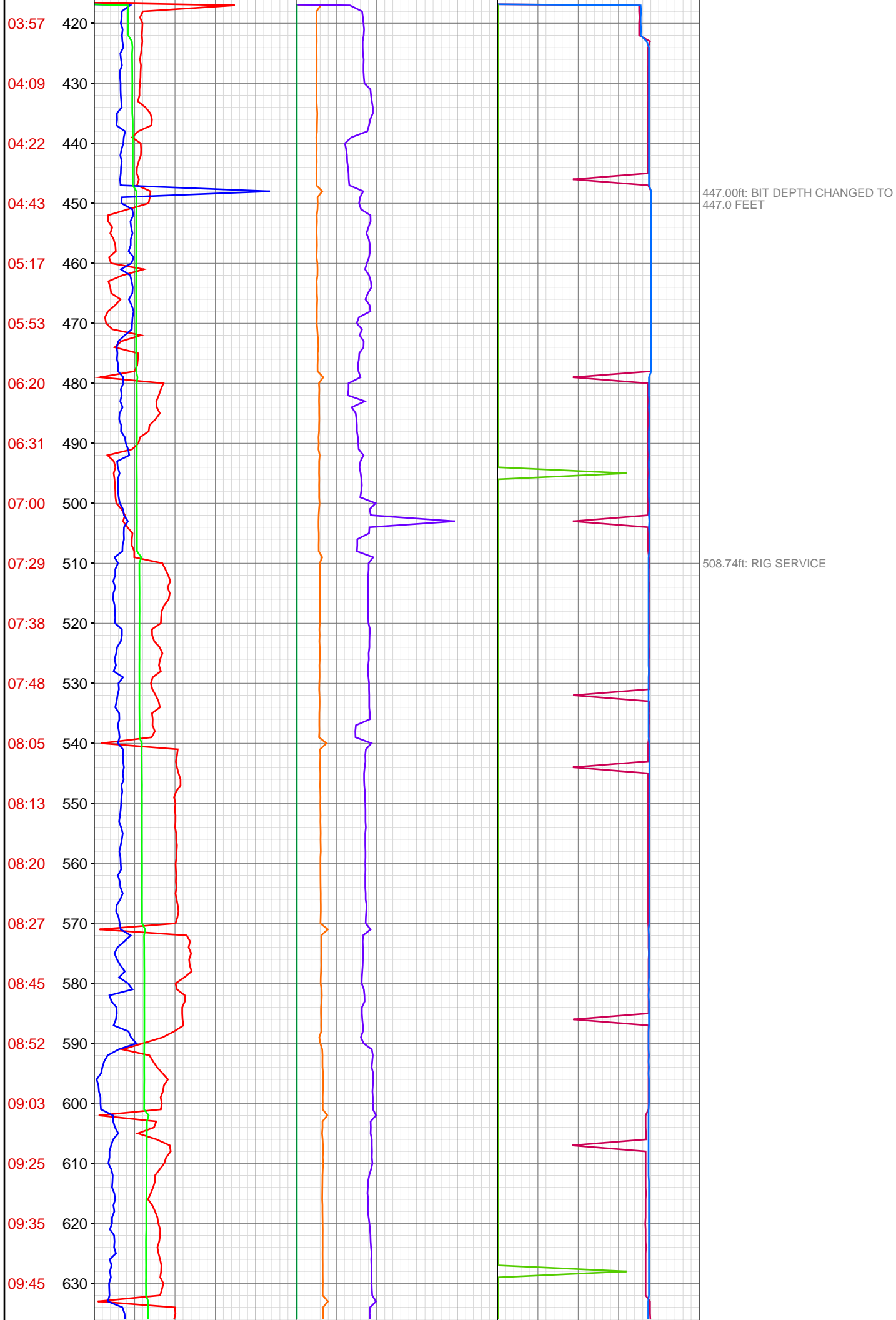
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Well Dossier 1285253284  
Ahsan Alvi

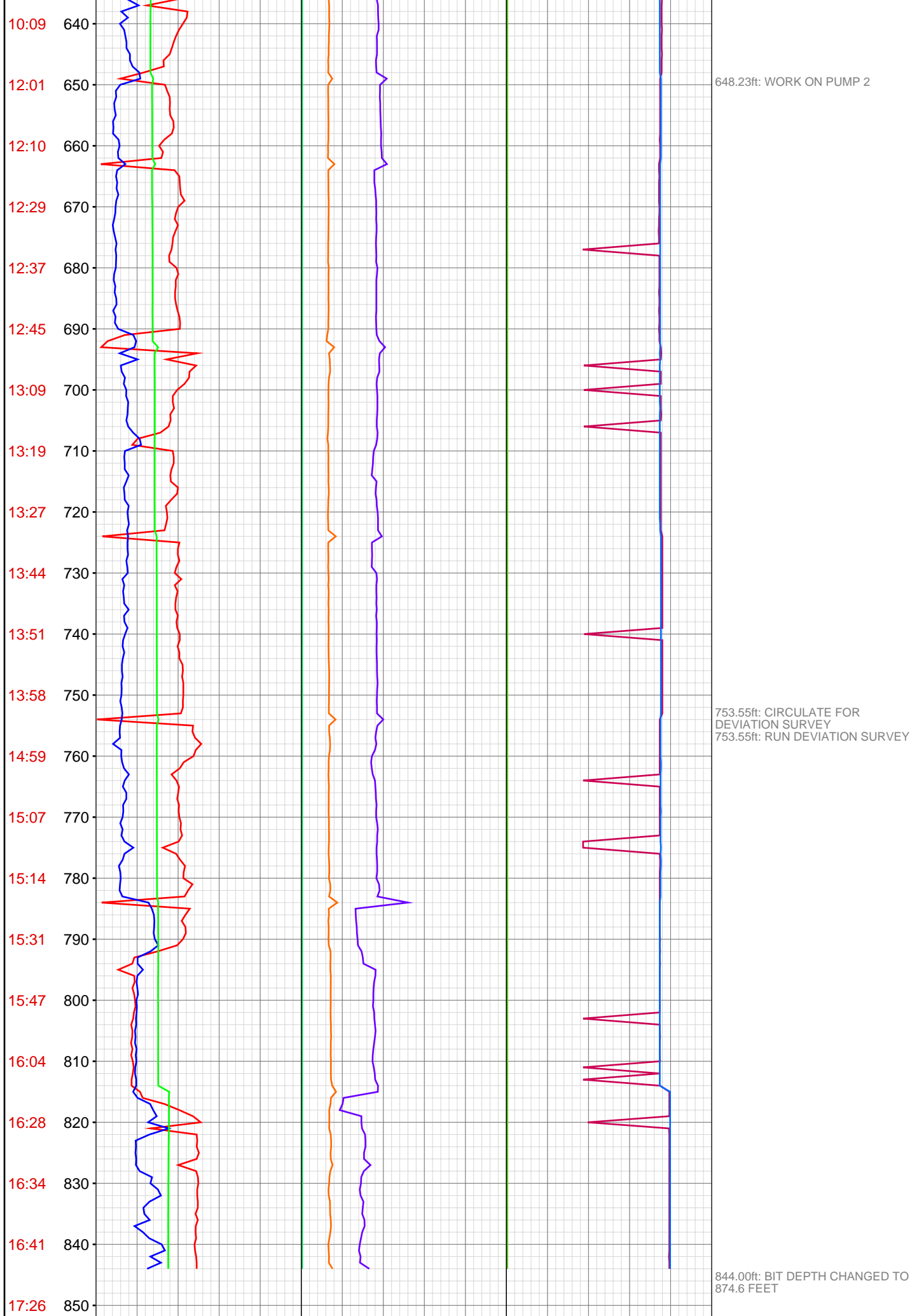
**OPERATOR:** ADM (Archer Daniel Midland)  
**WELL:** ADM Verification Well #1  
**FIELD:**  
**LOCATION:**  
**COUNTRY:** USA  
**RIG:** Pioneer Oilfld 15

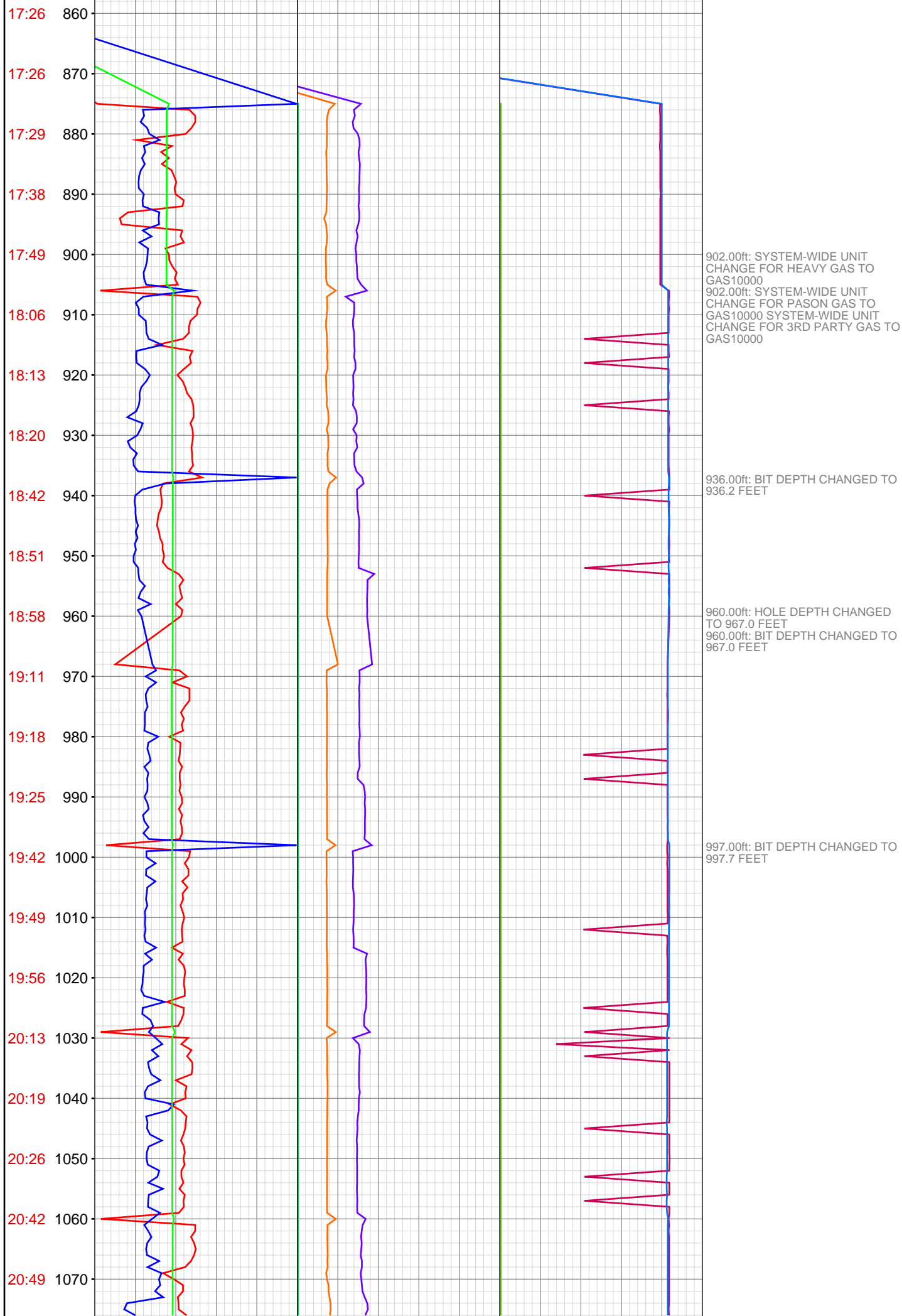
**CONTRACTOR:** Pioneer Oilfield Services, LLC  
**UNIQUE WELL ID:**  
**SPUD DATE:** Sep 23, 2010 12:30  
**RELEASE DATE:** Nov 22, 2010 06:37



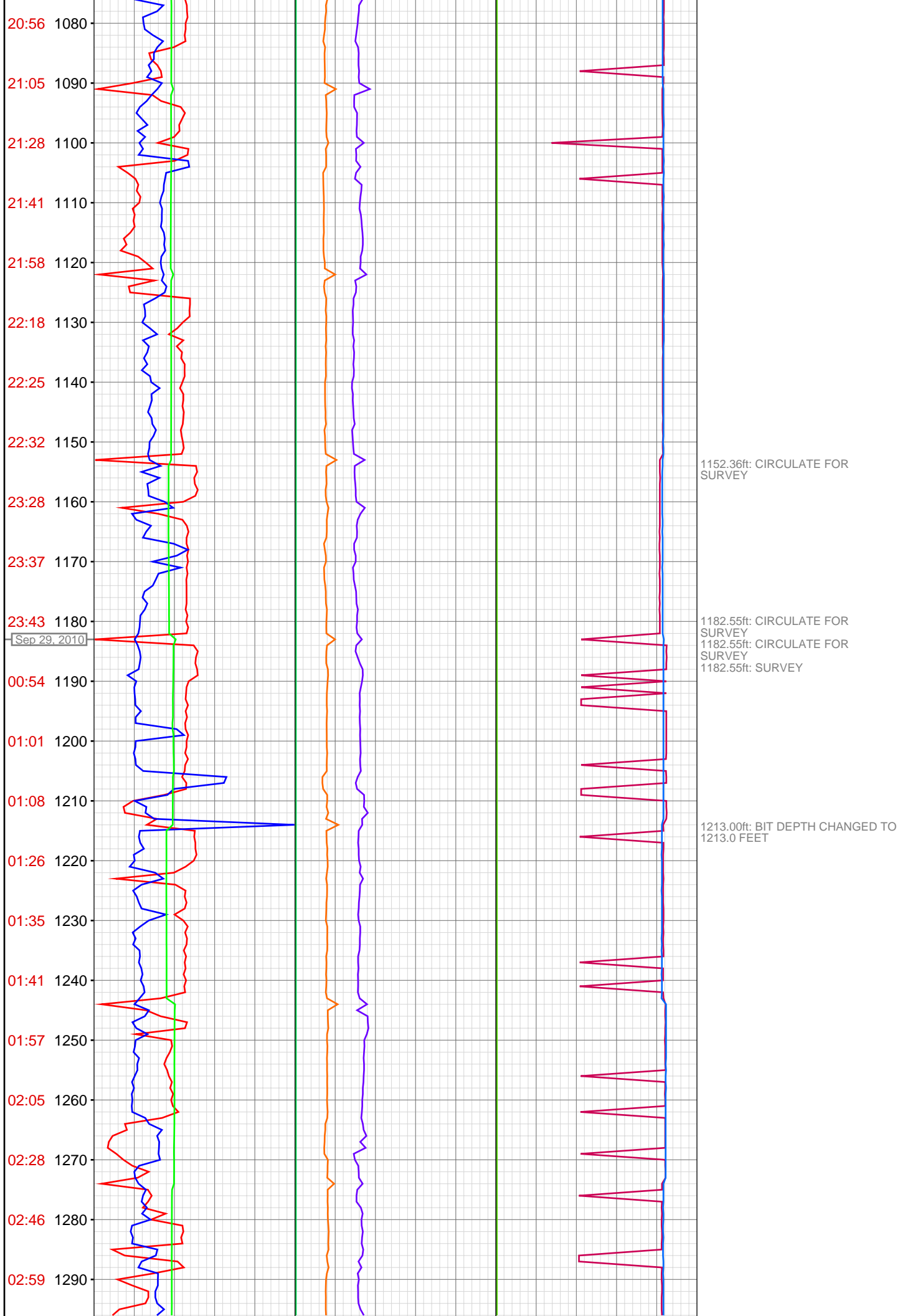


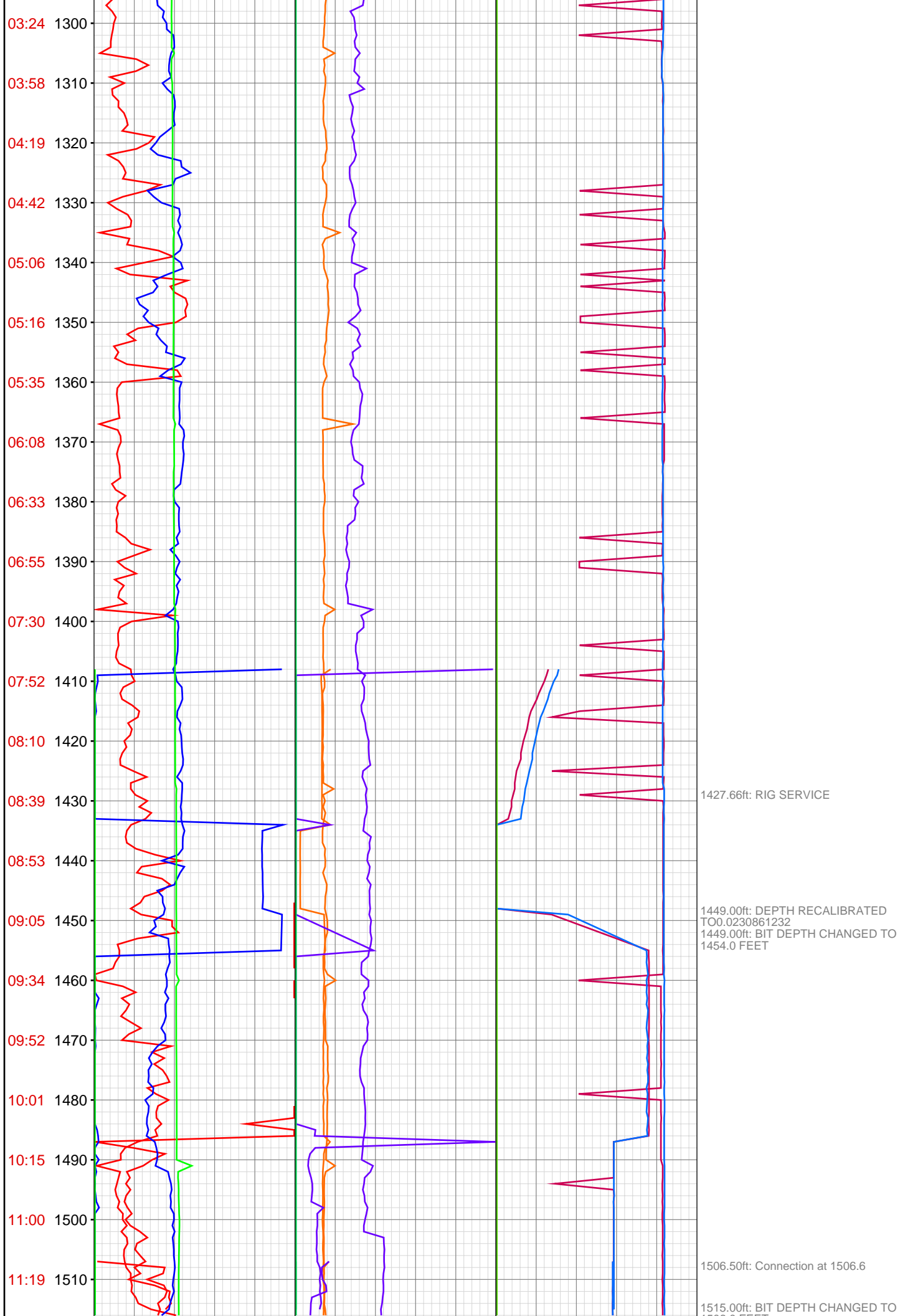


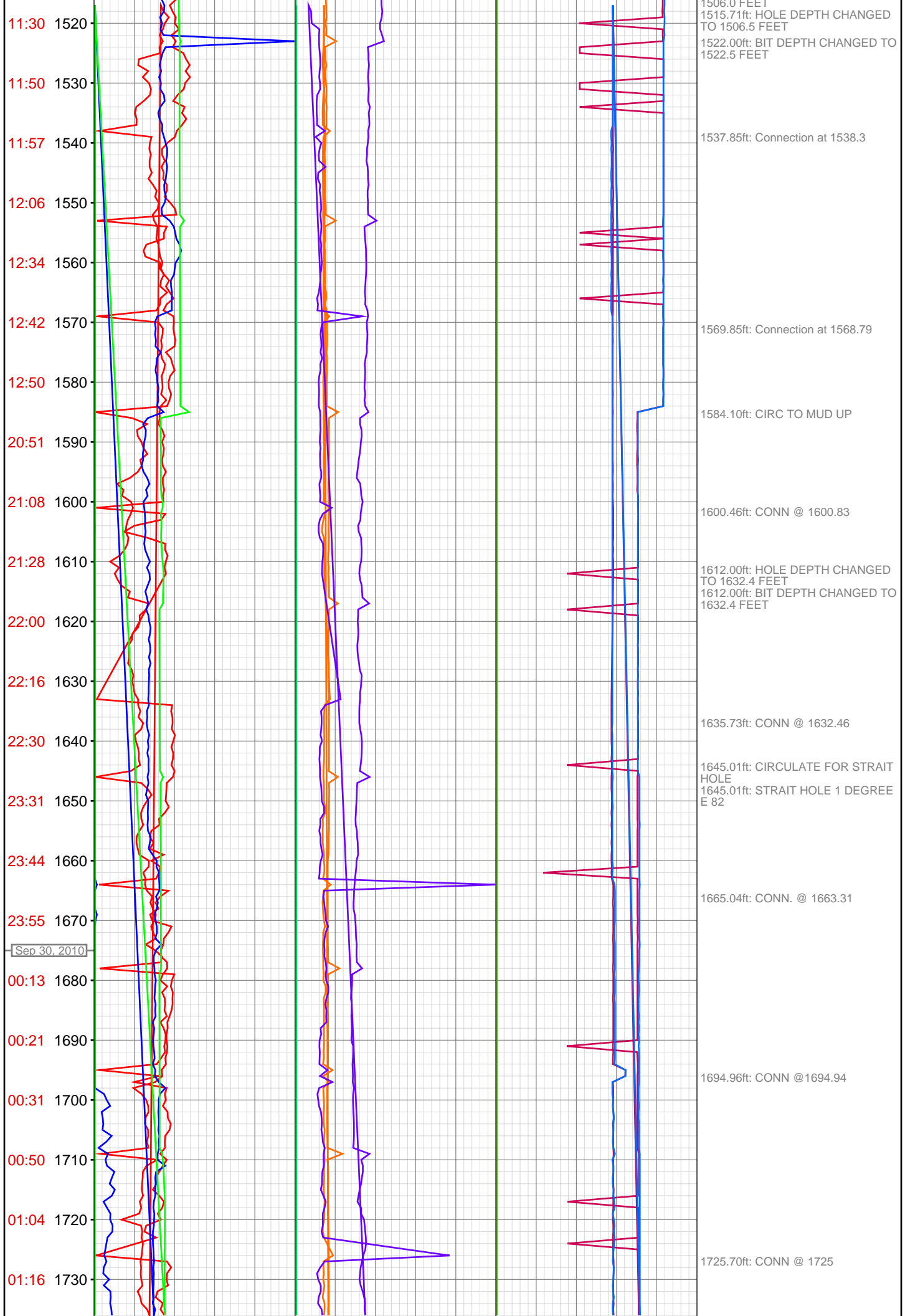


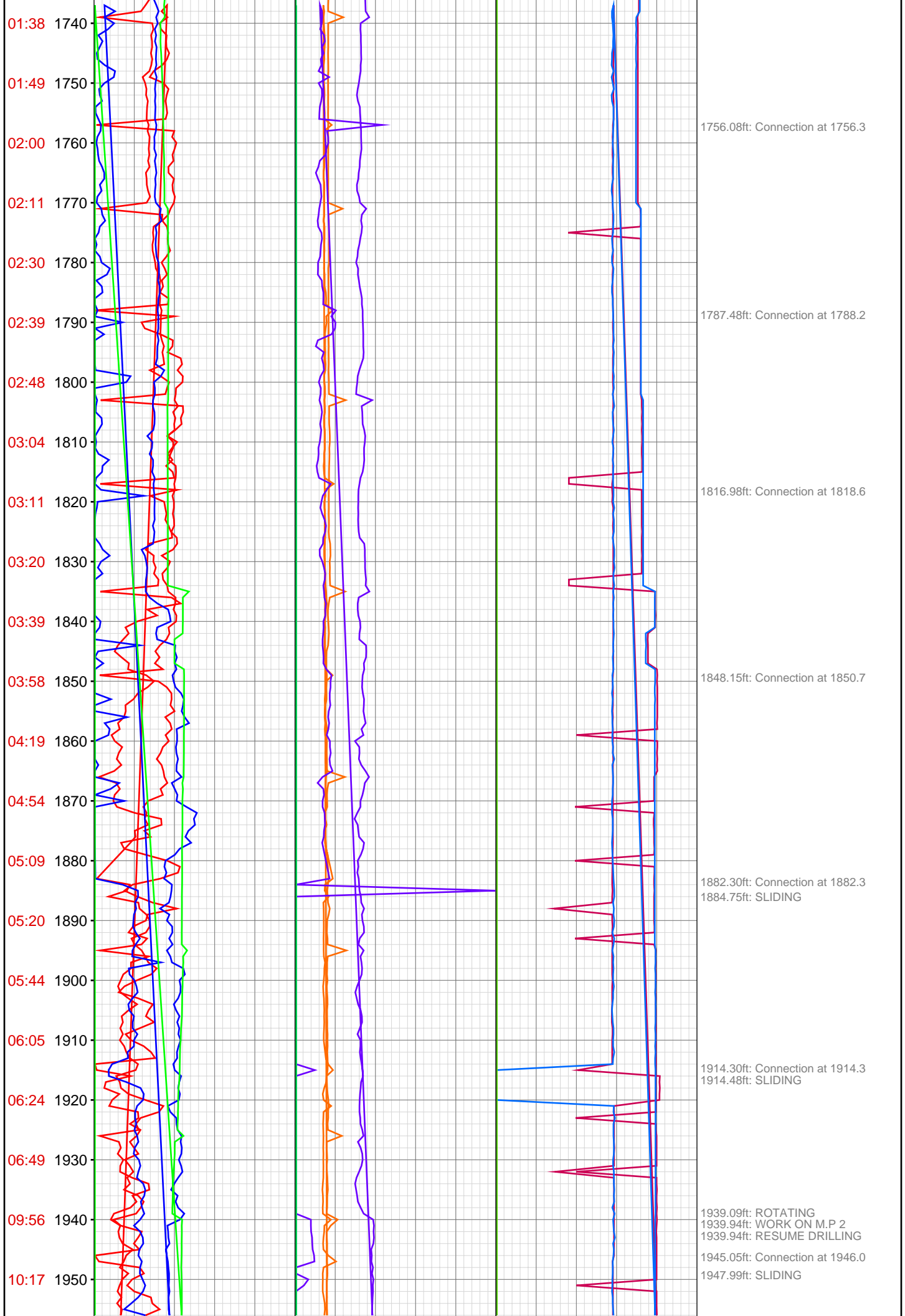


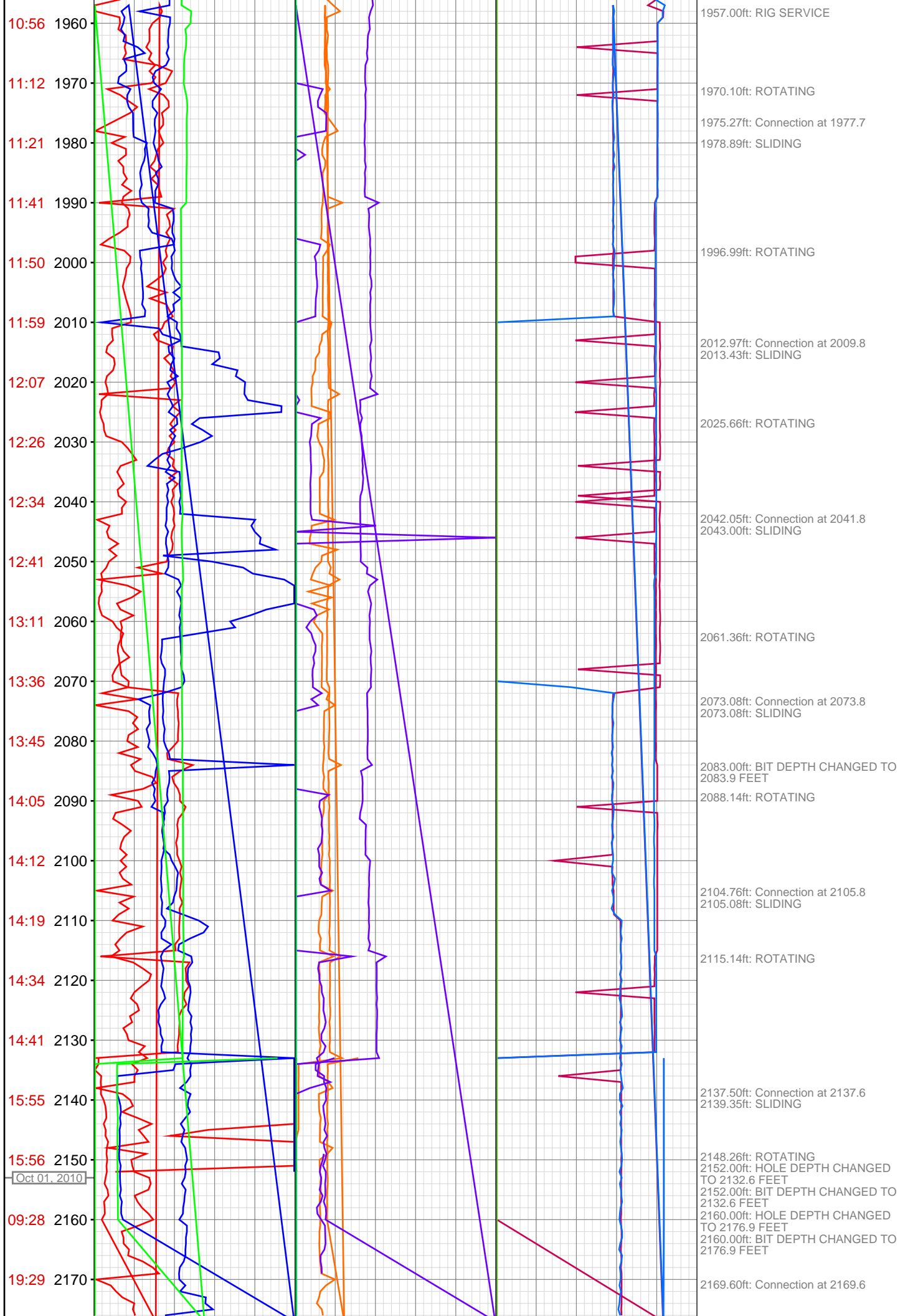


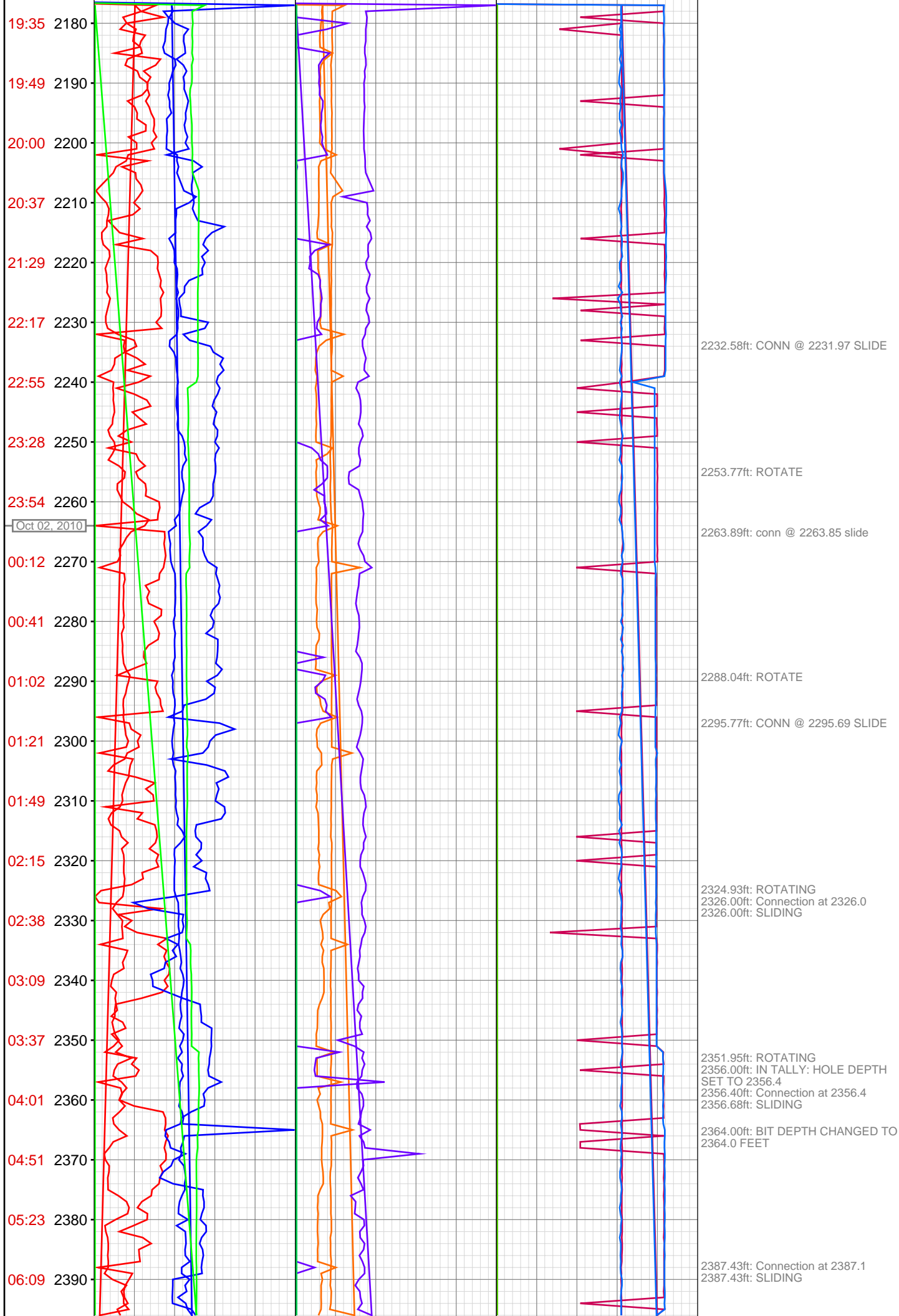




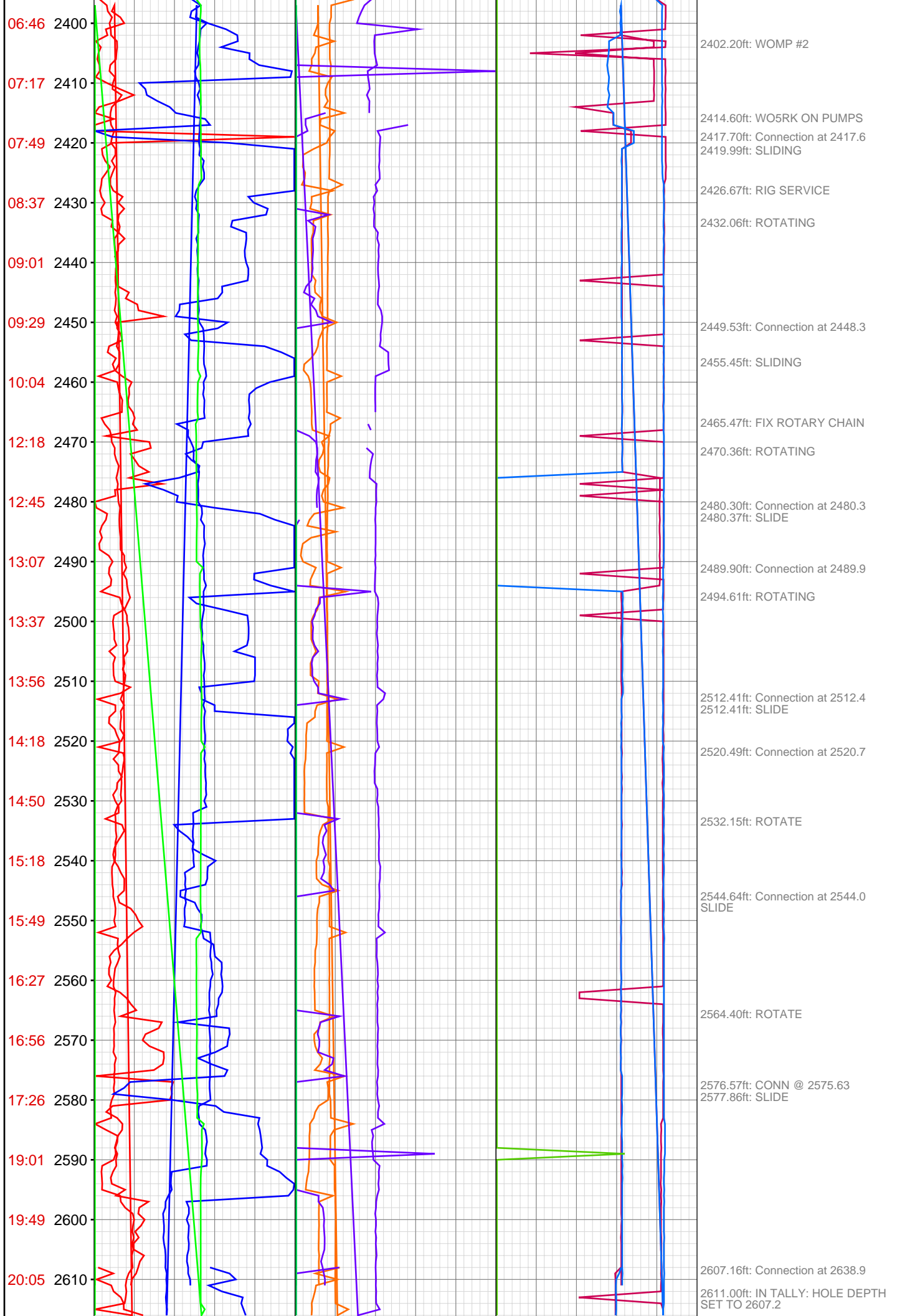


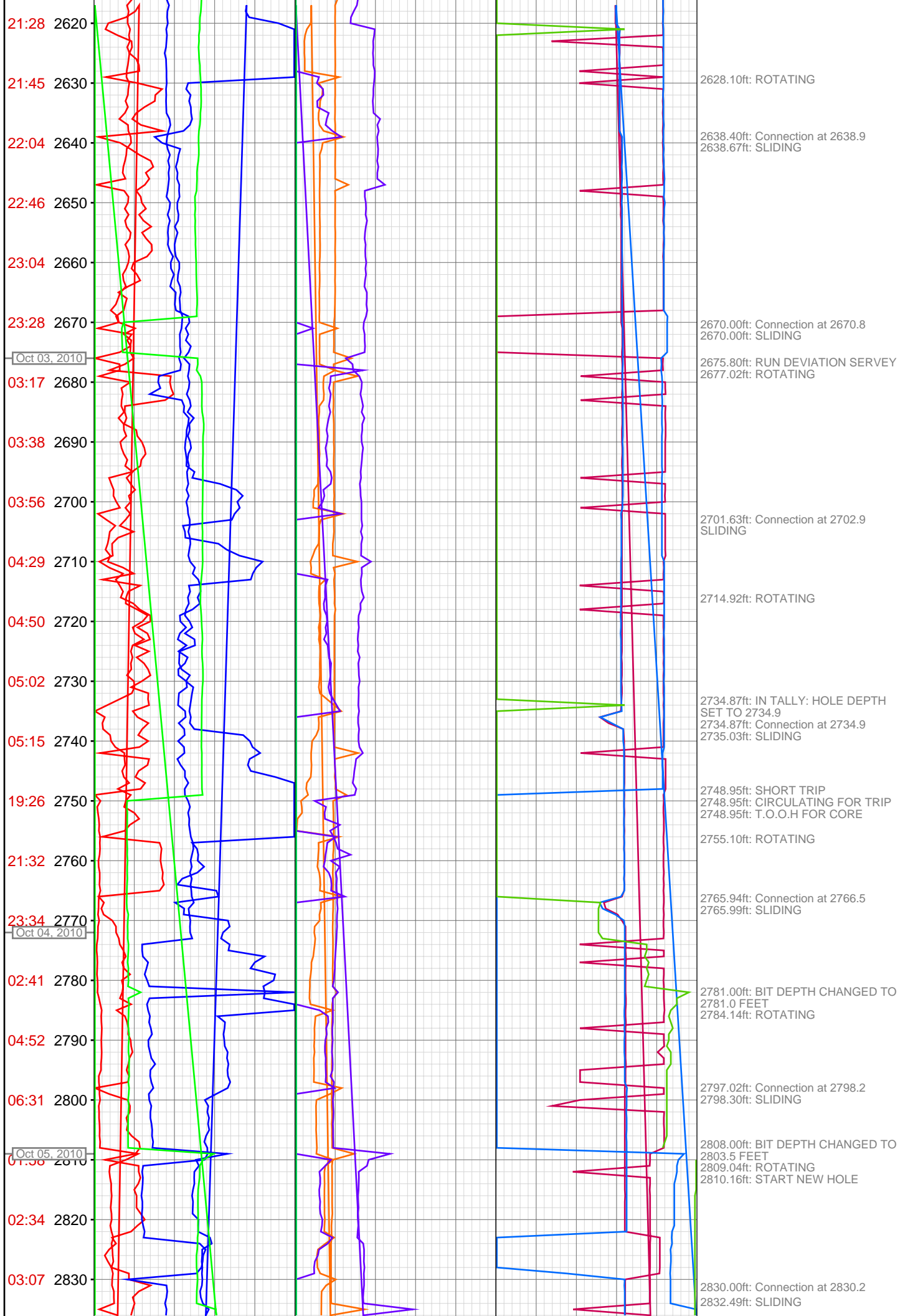




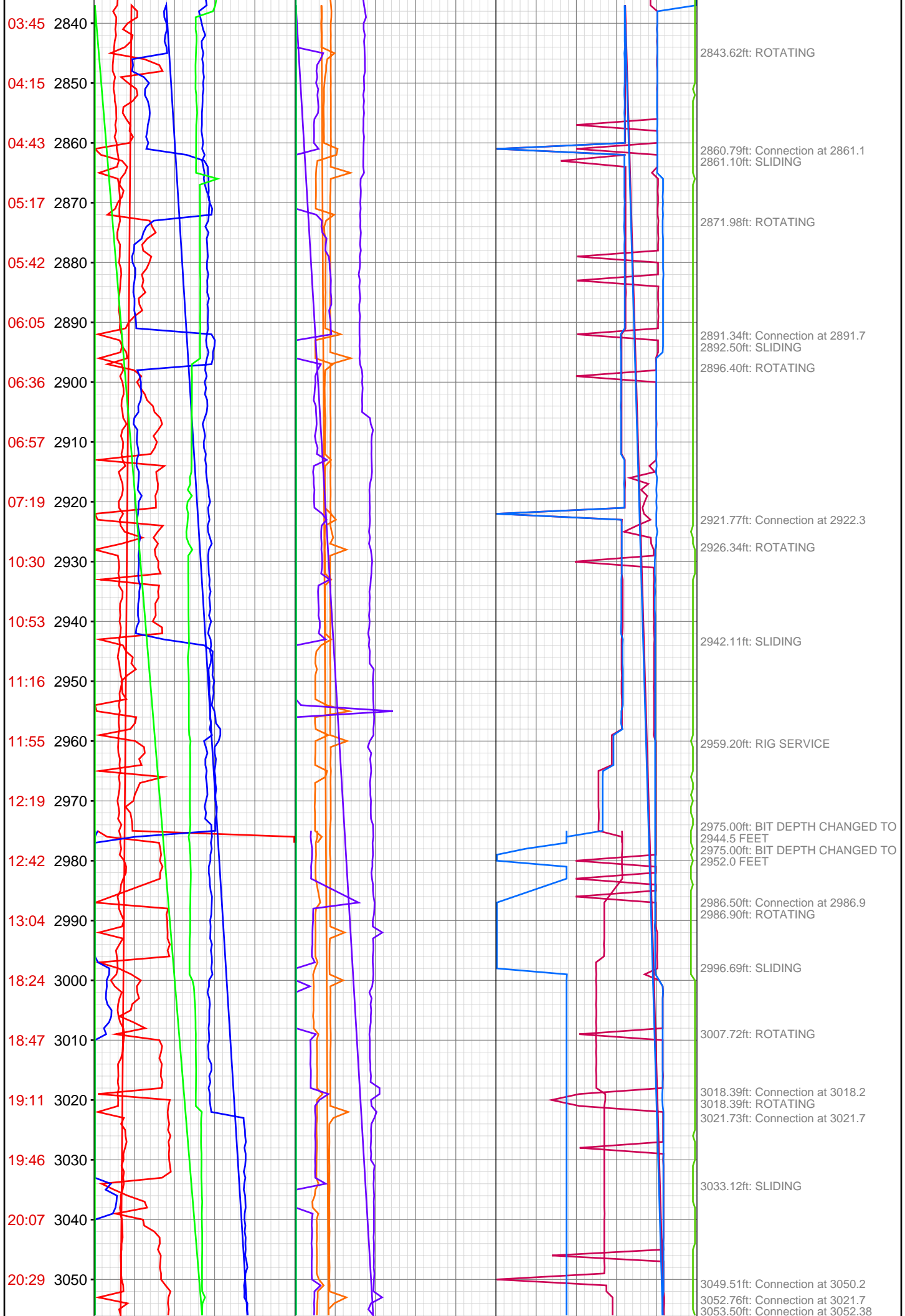


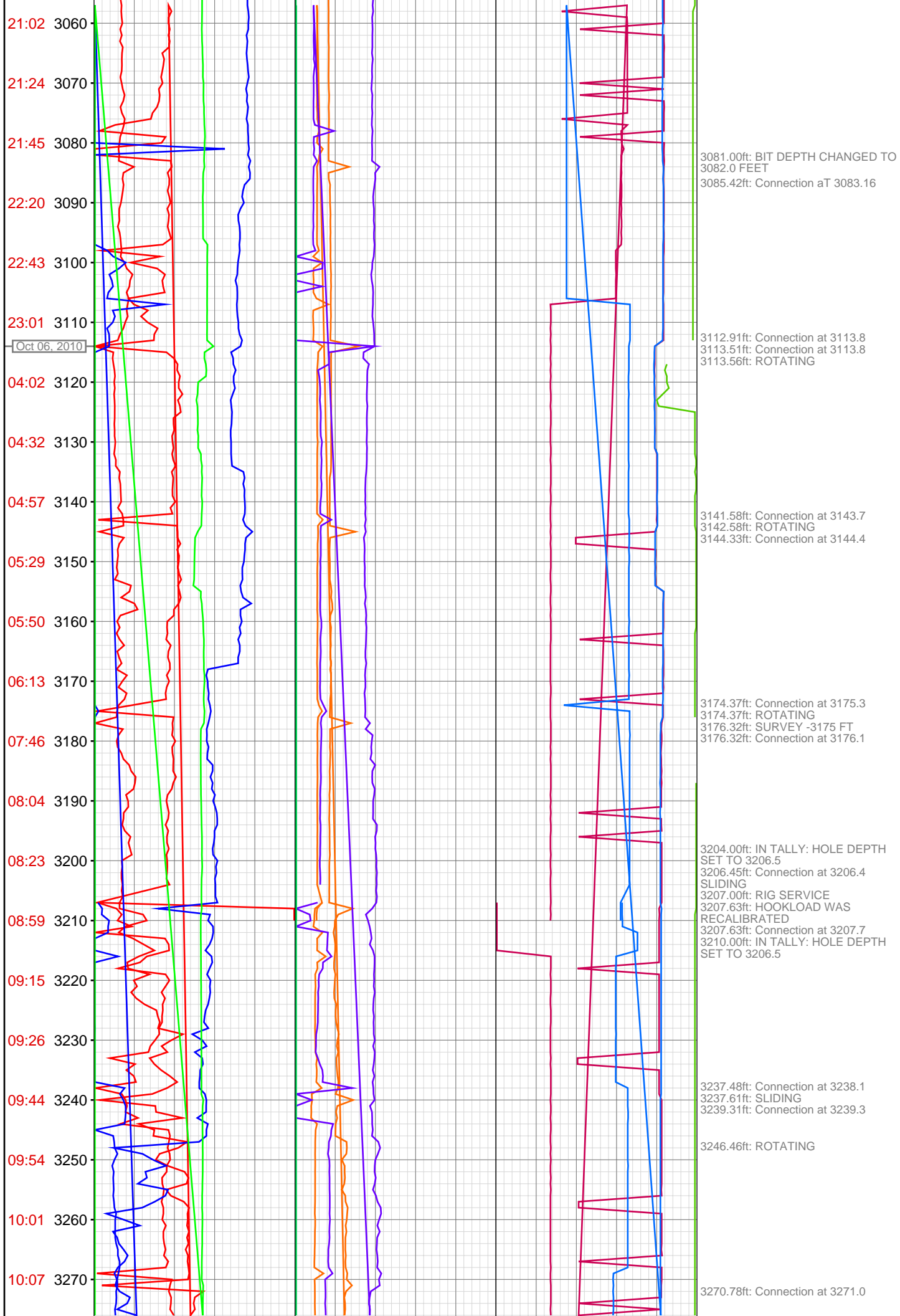




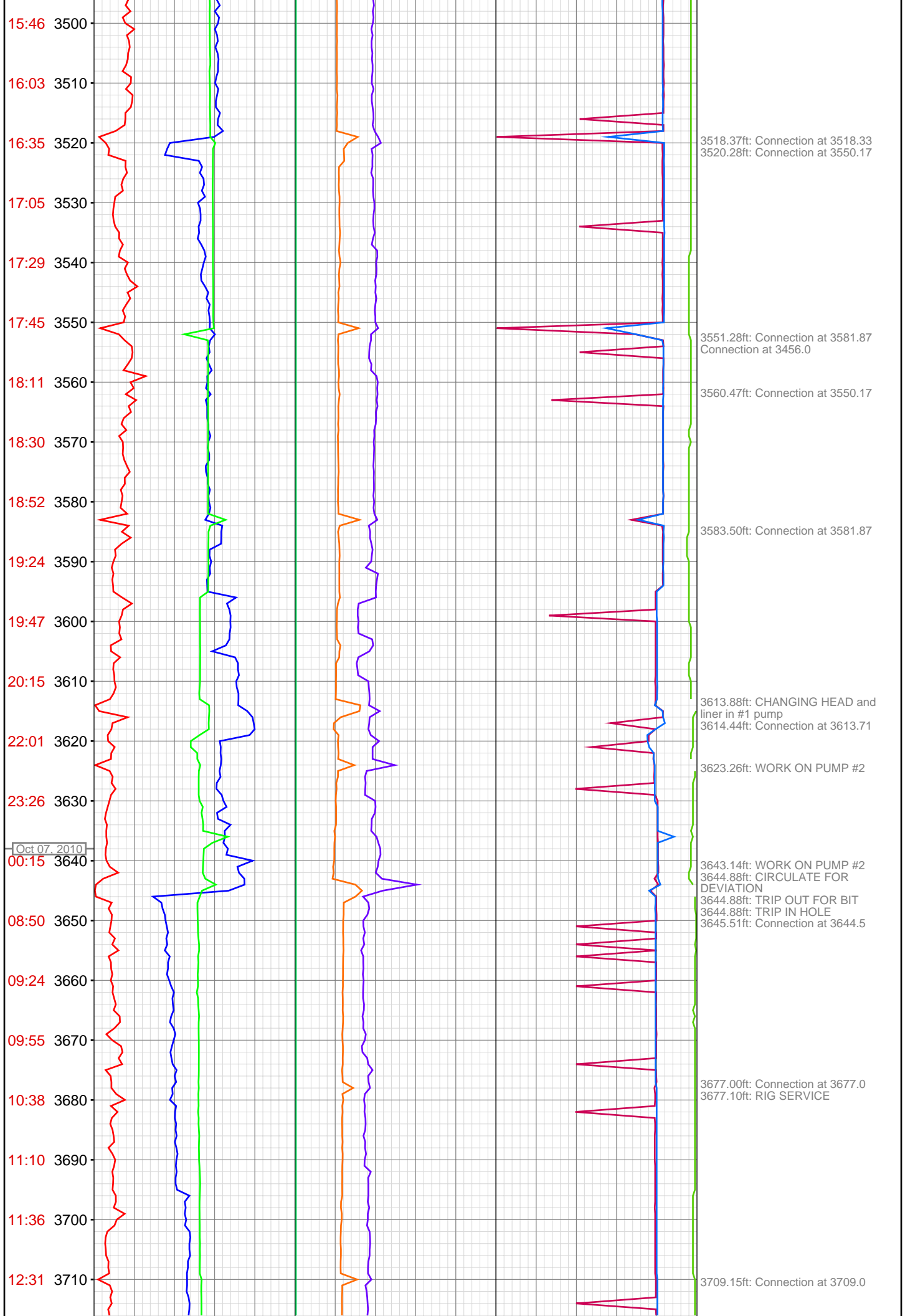


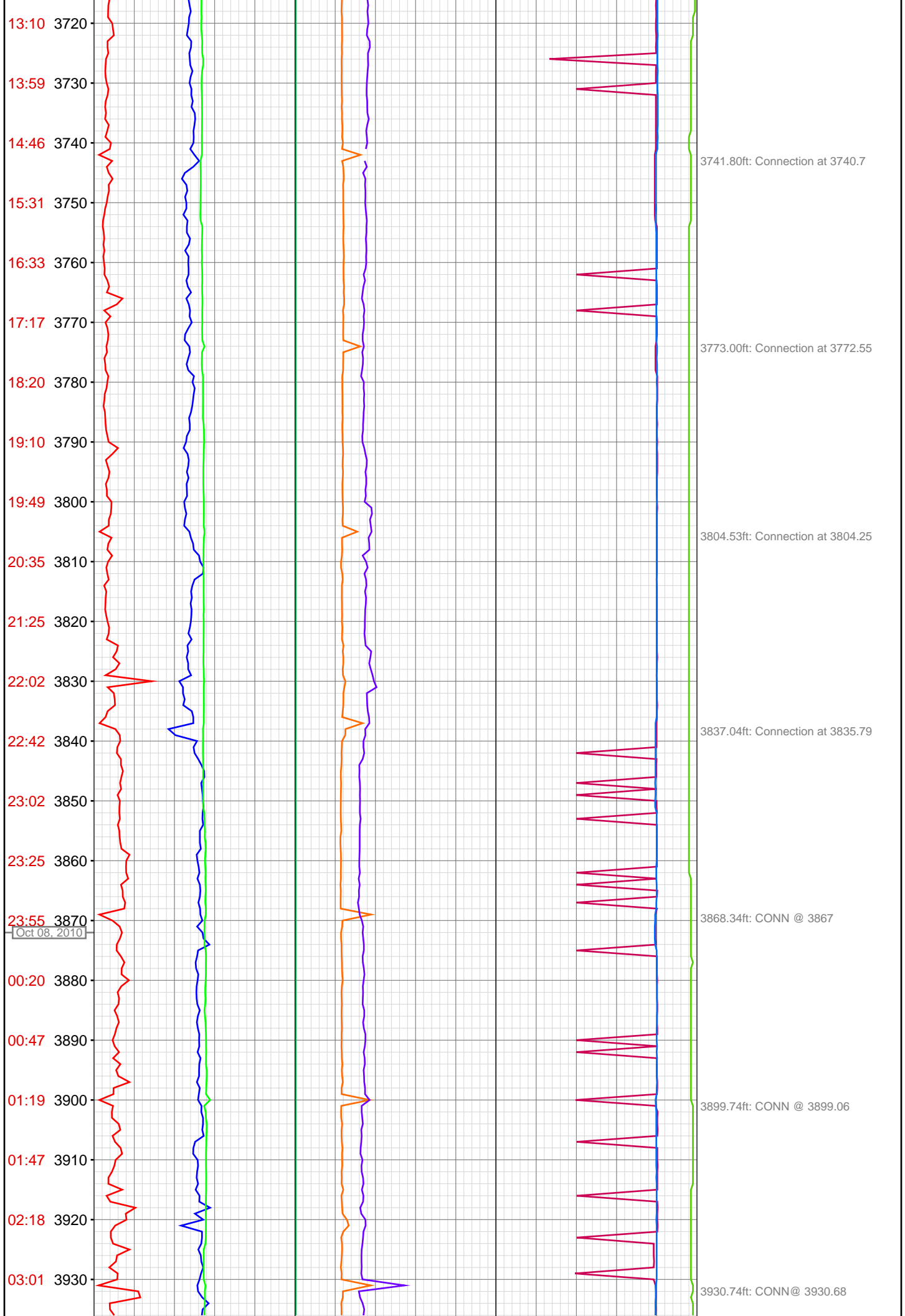


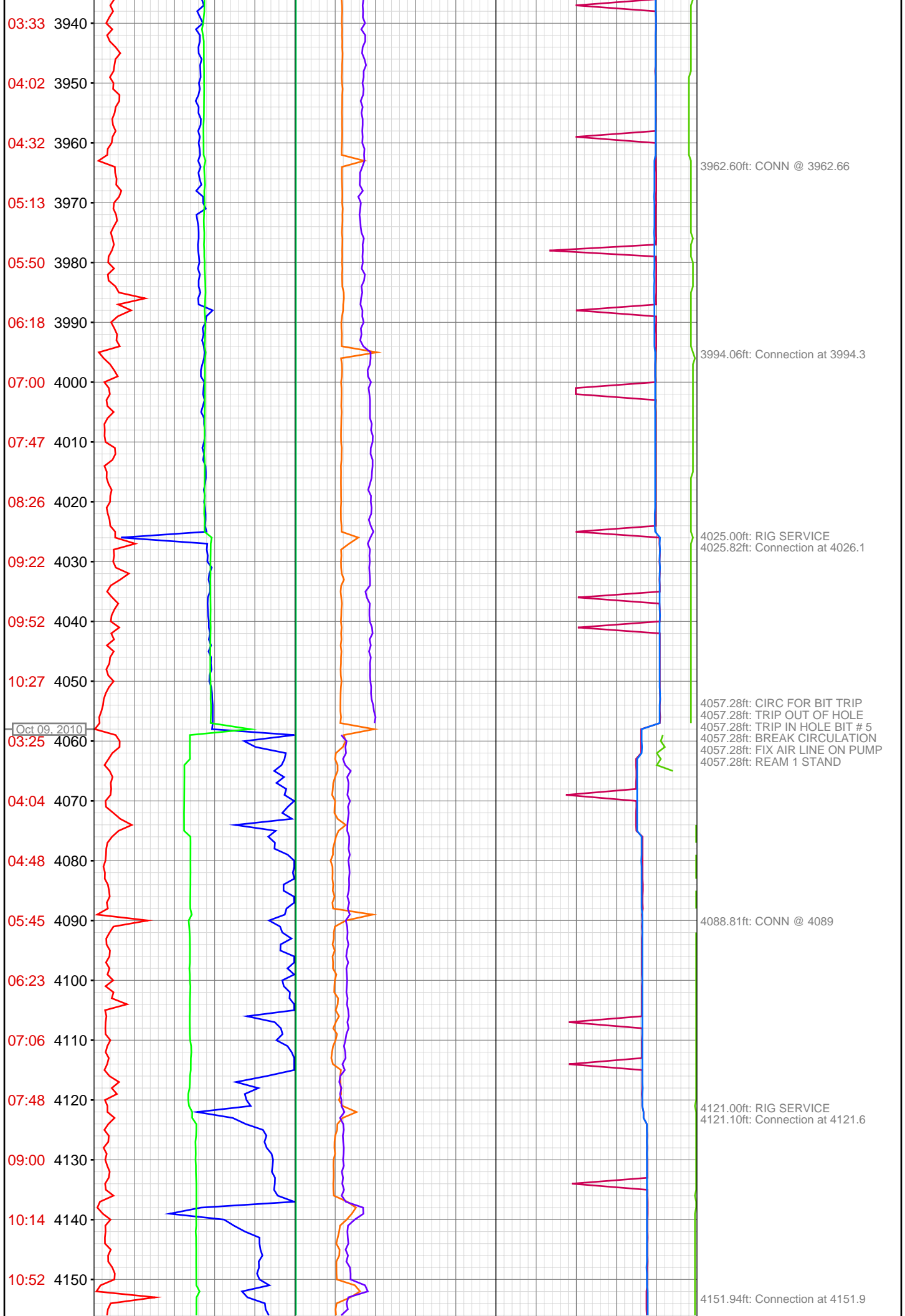


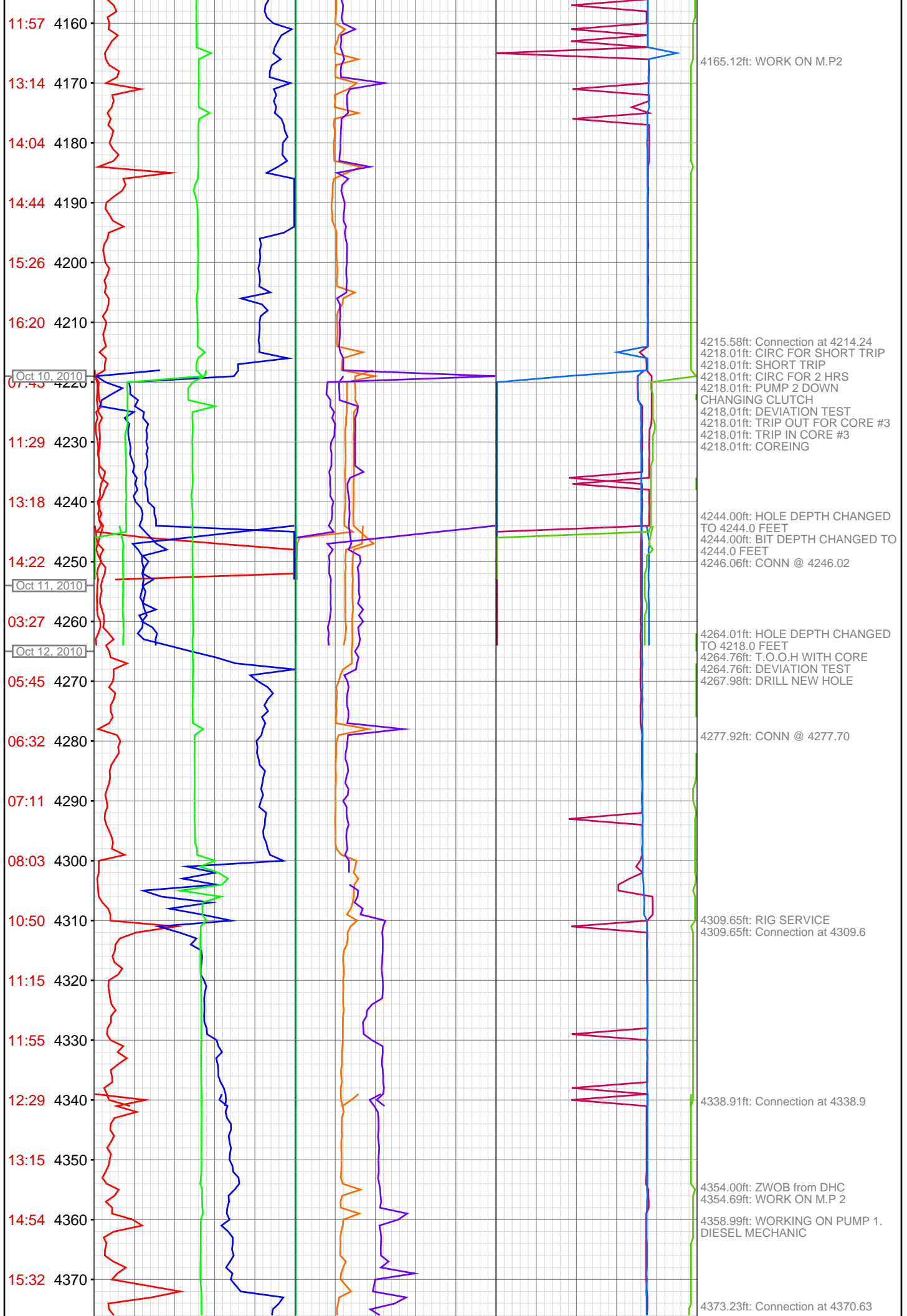




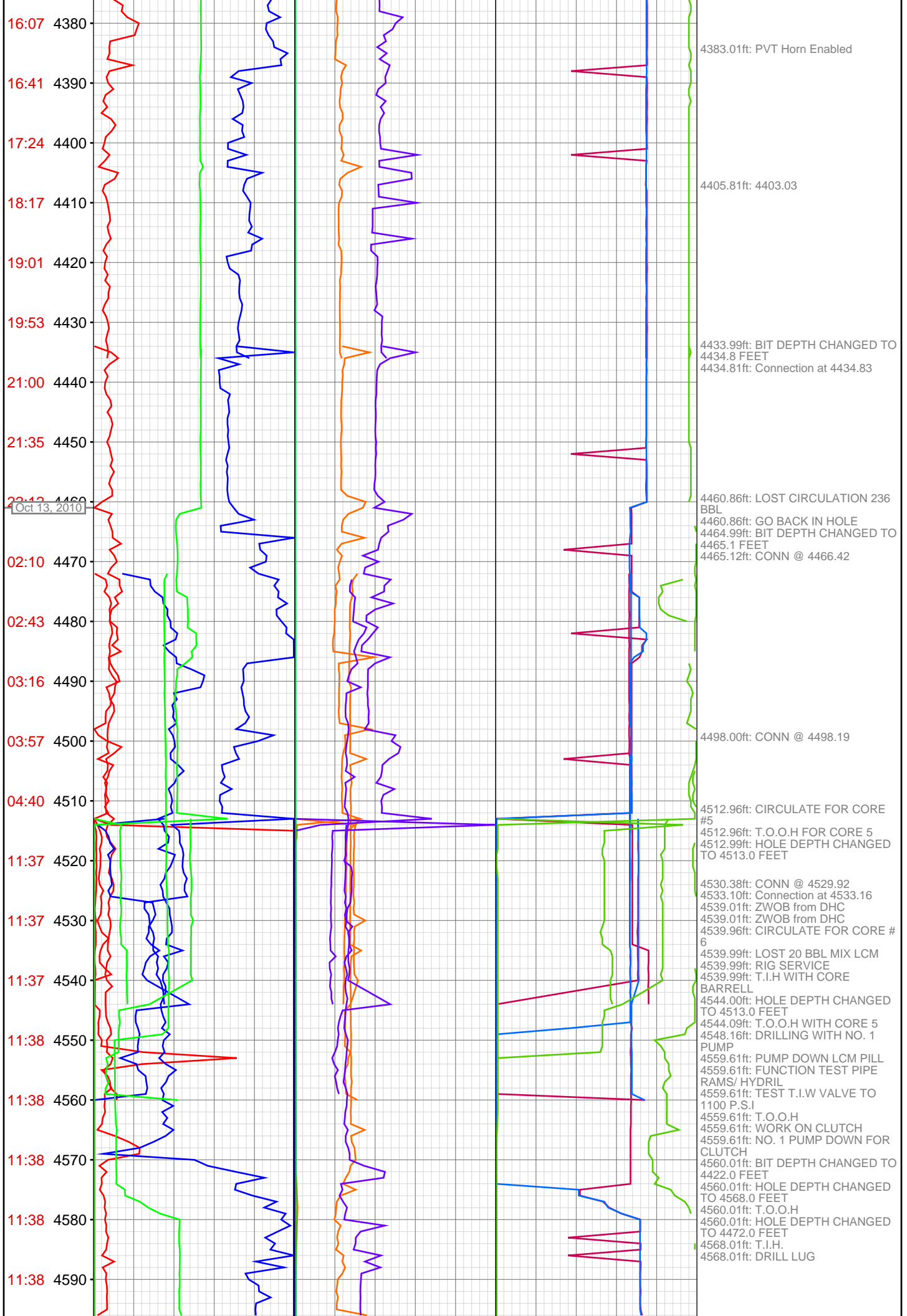




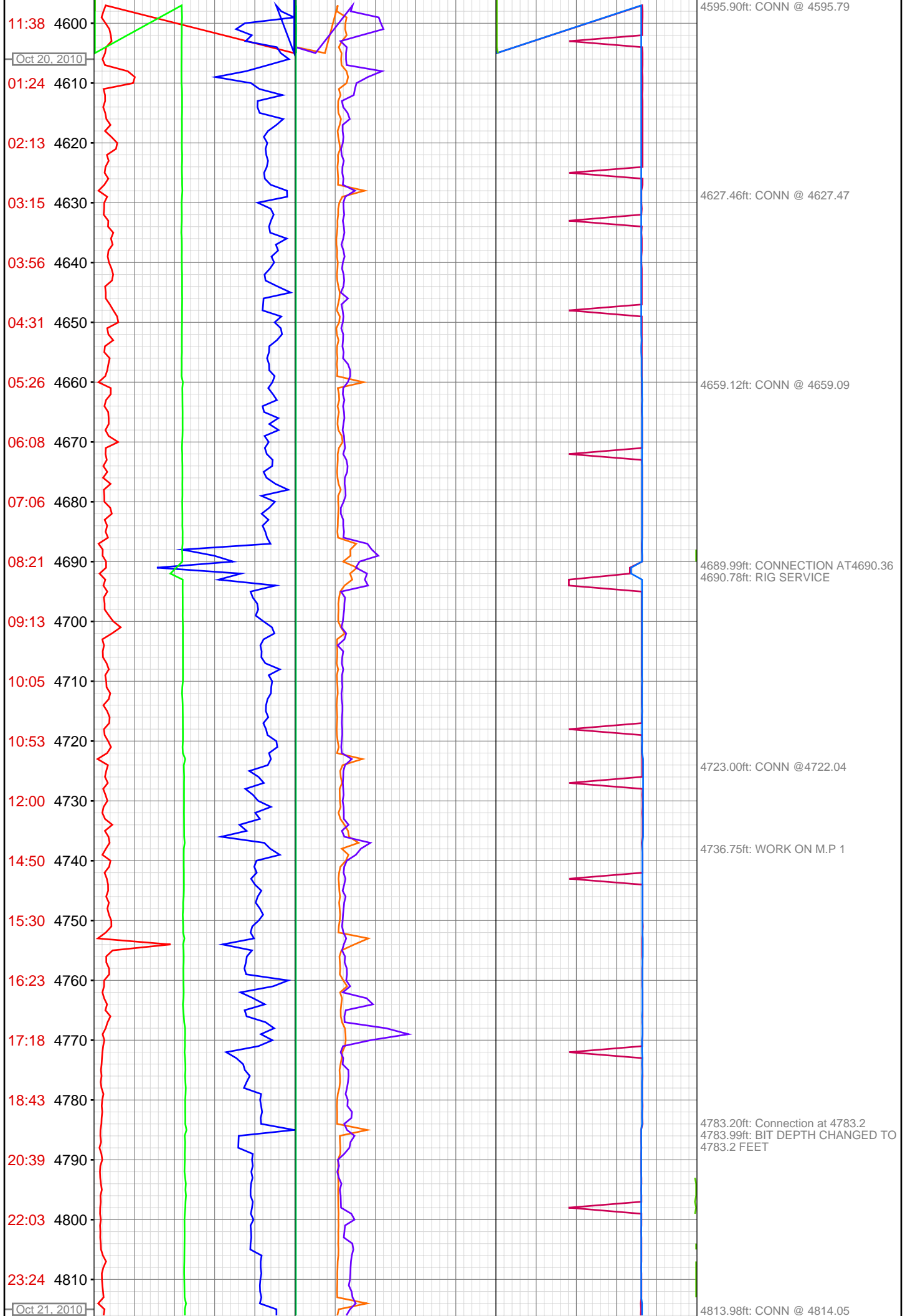


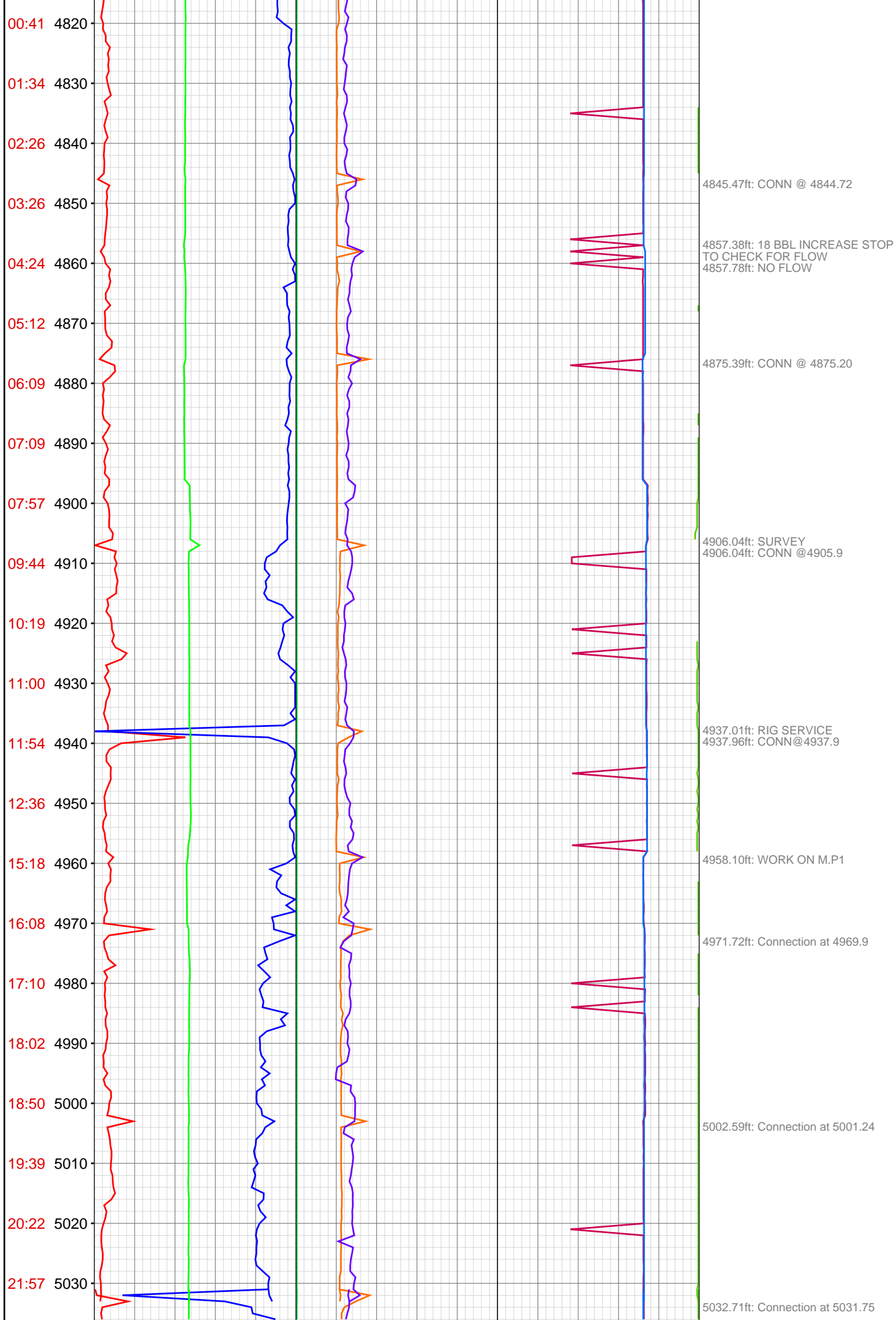


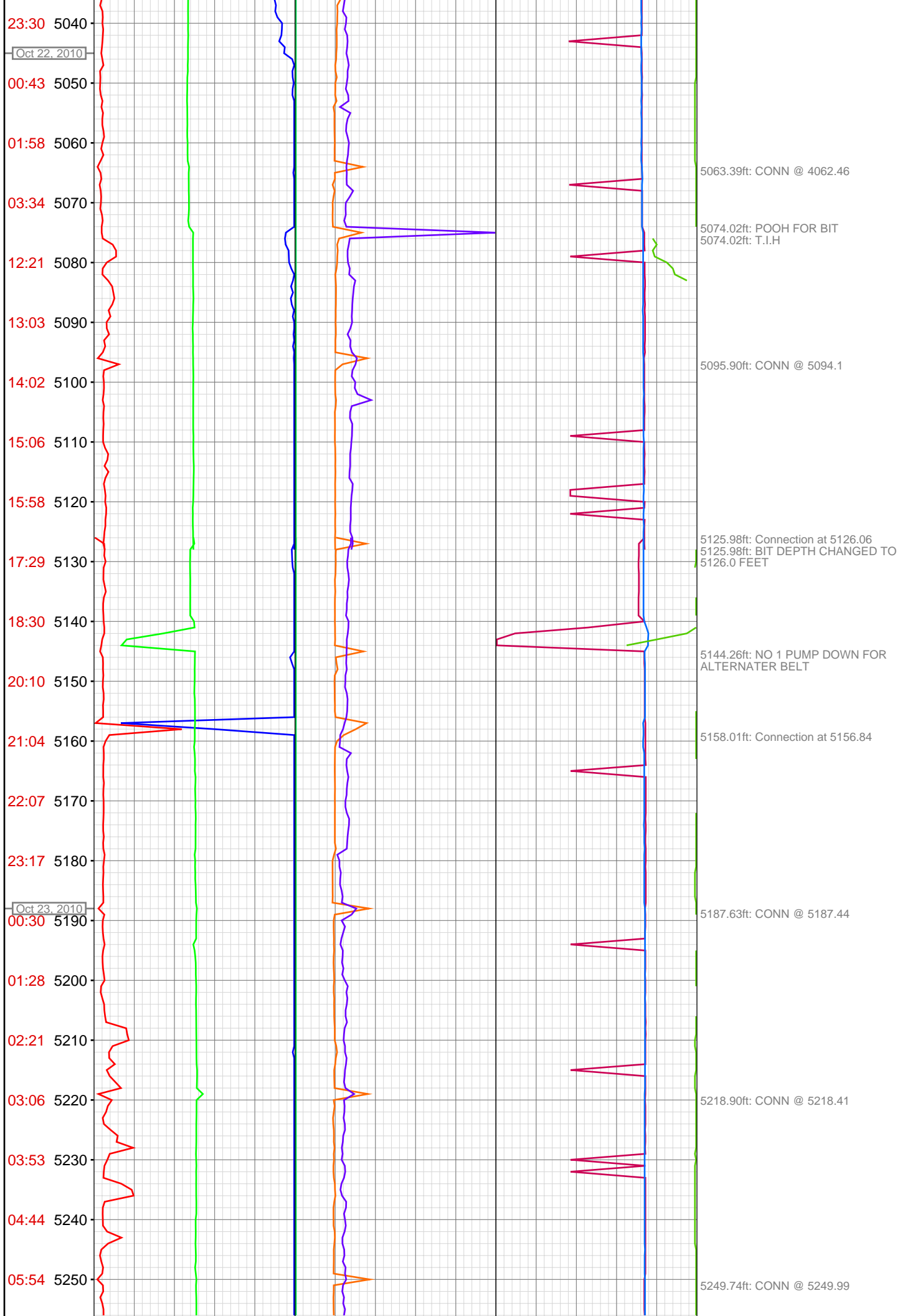


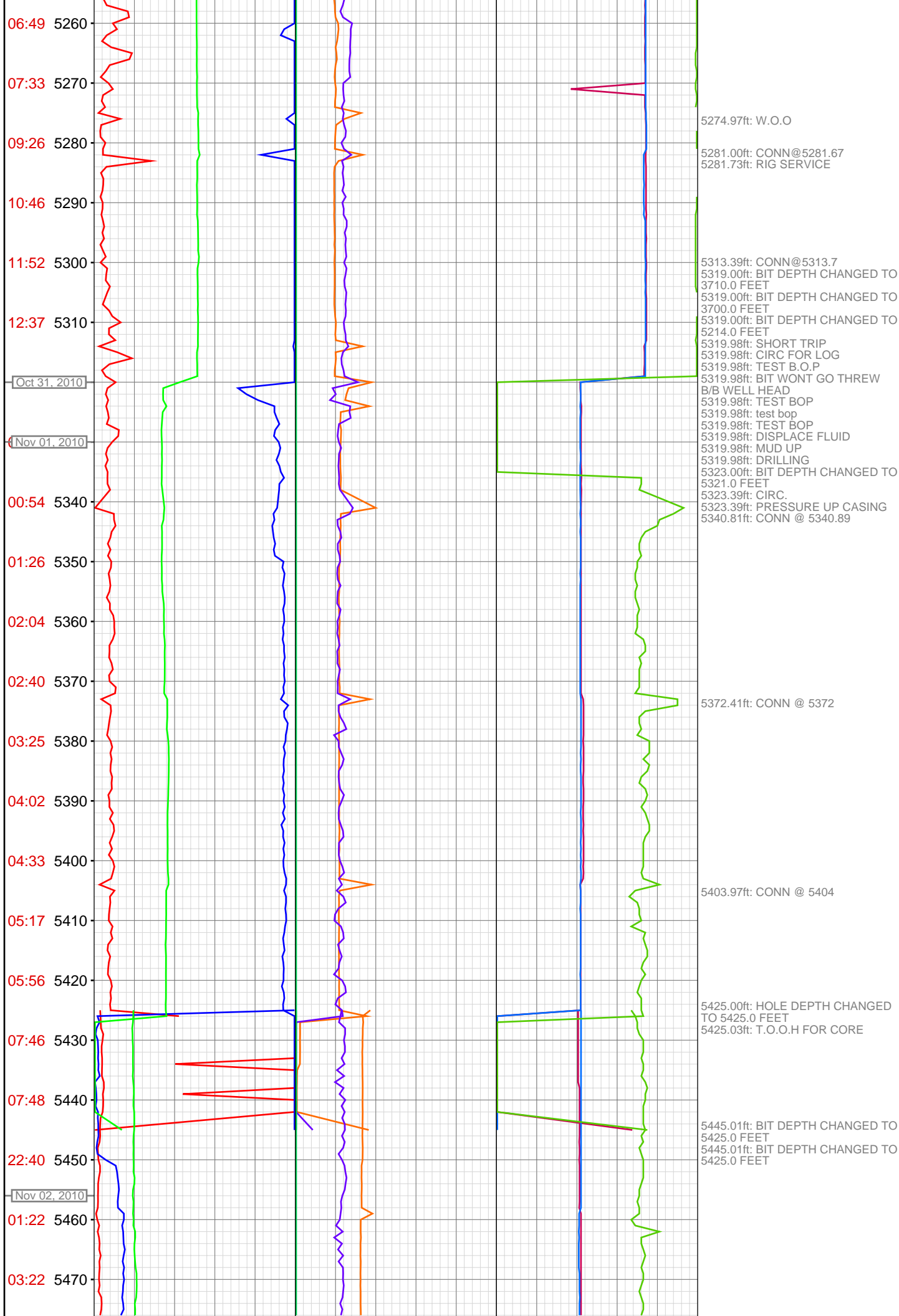


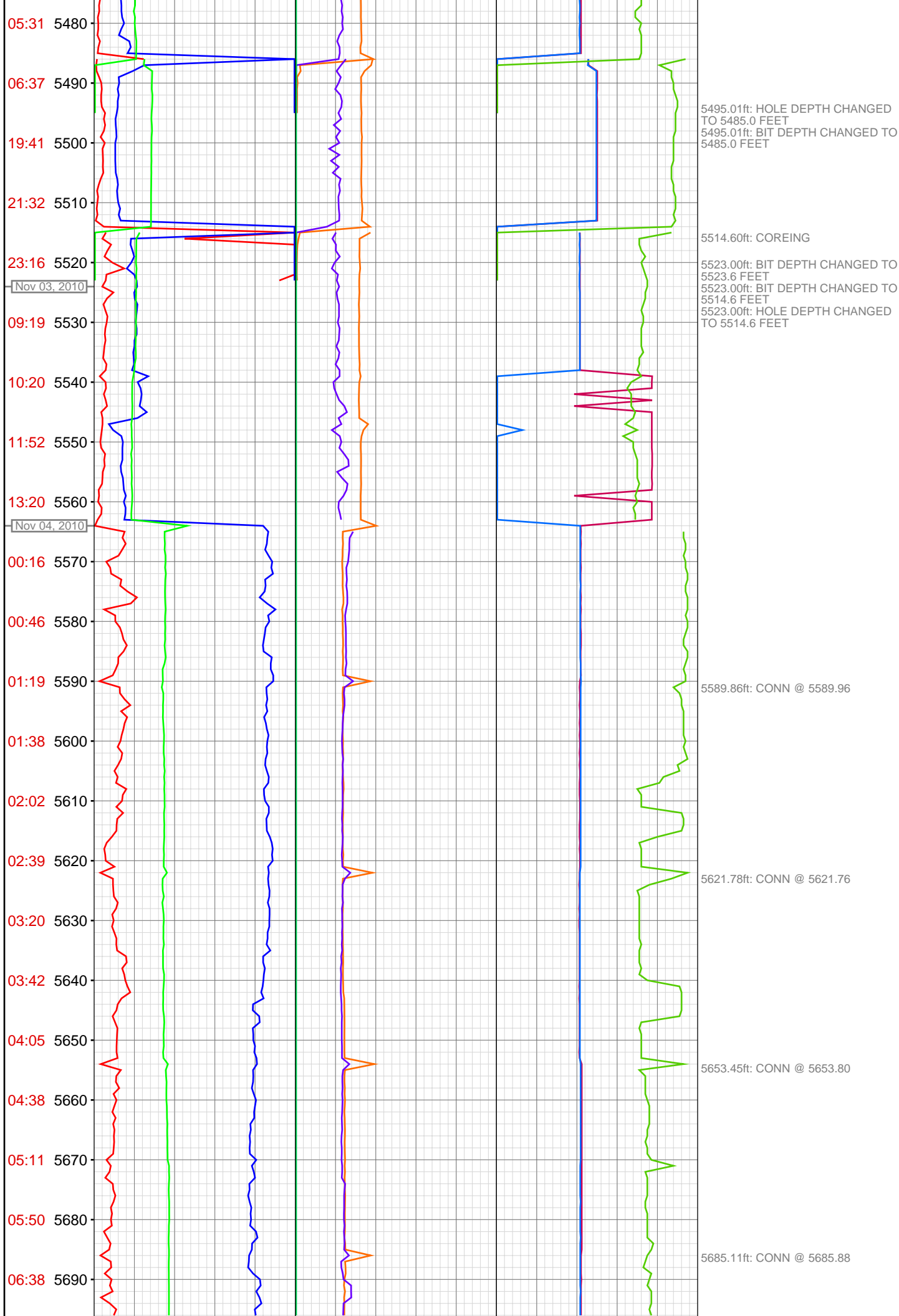


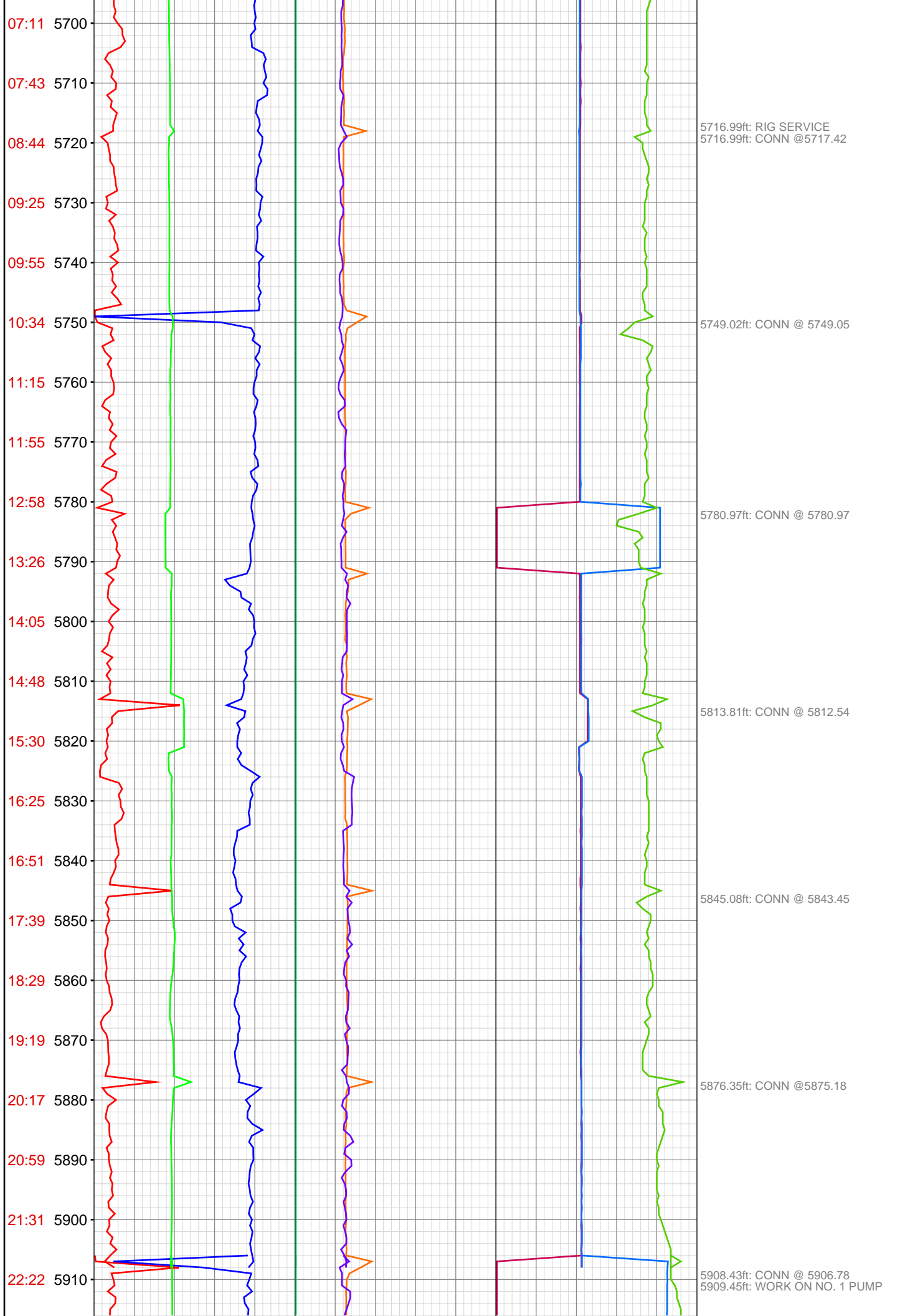


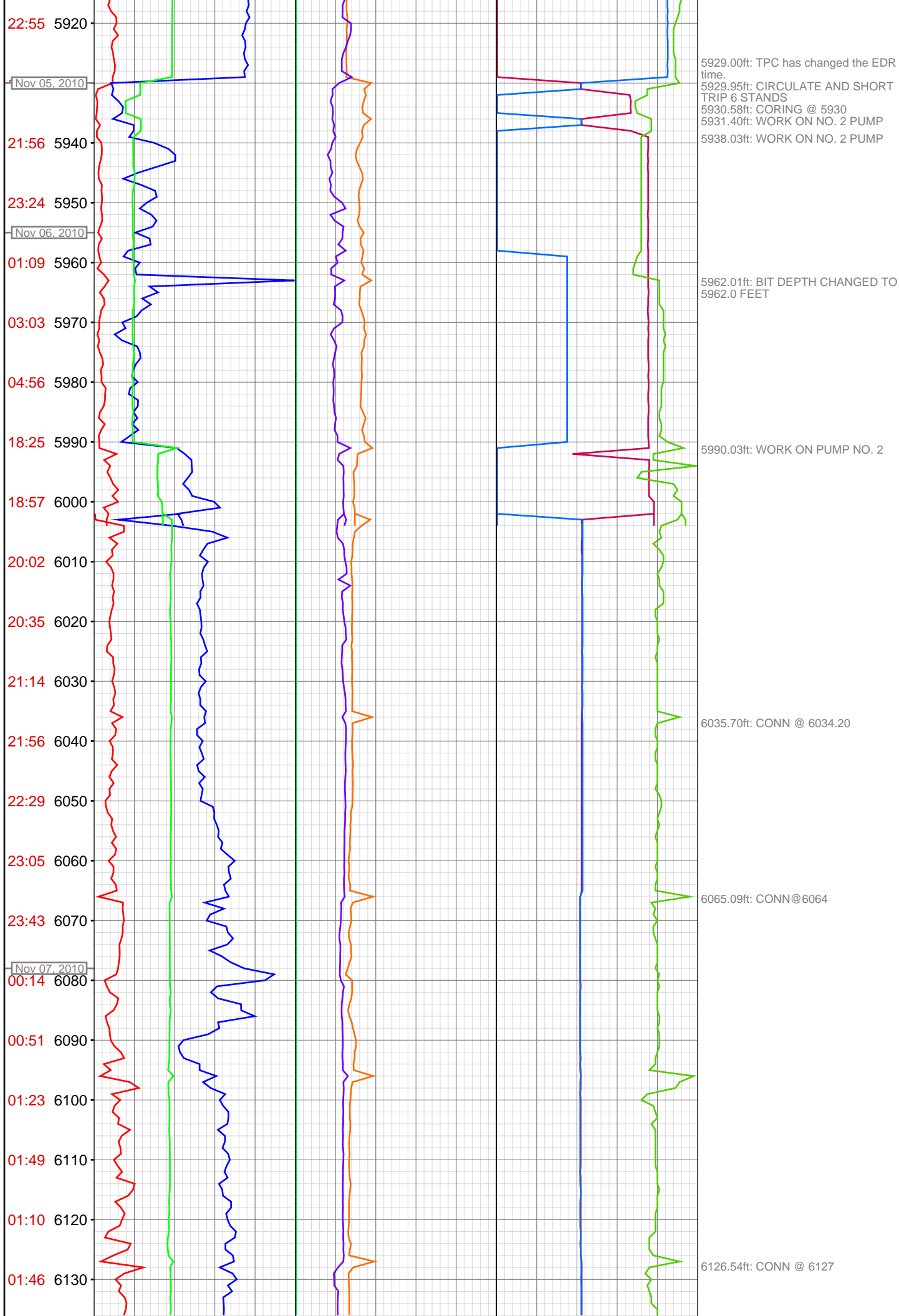


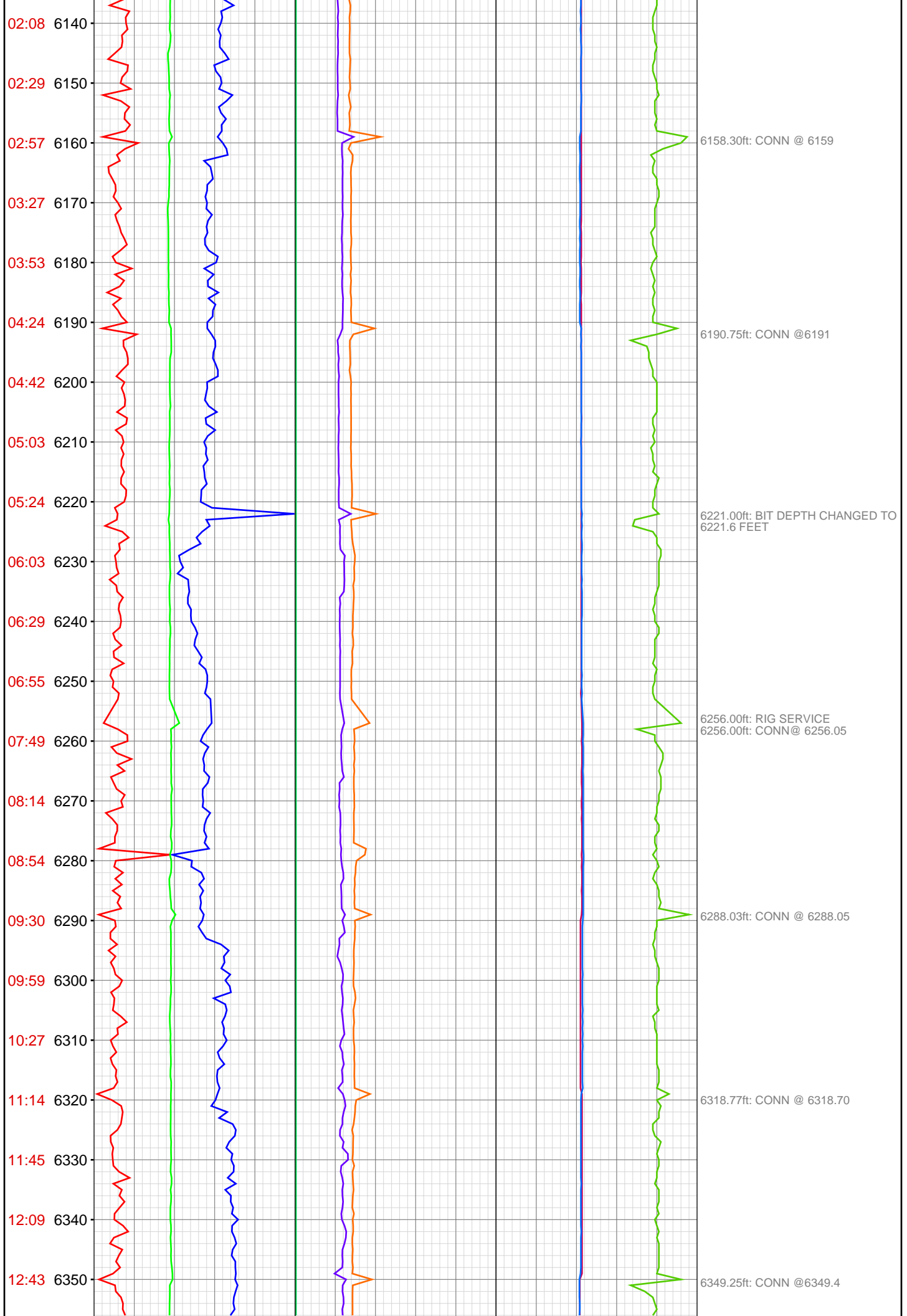




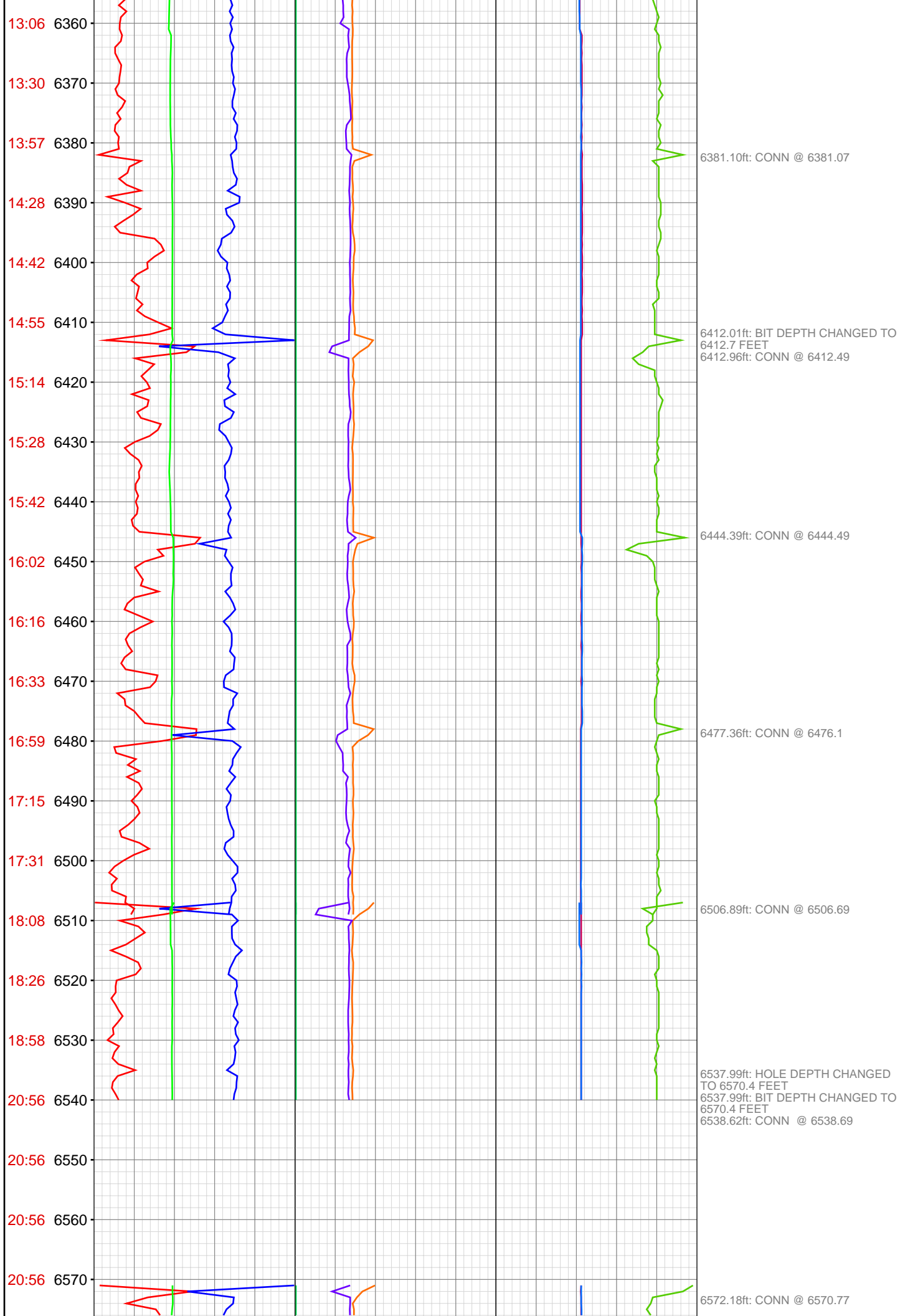


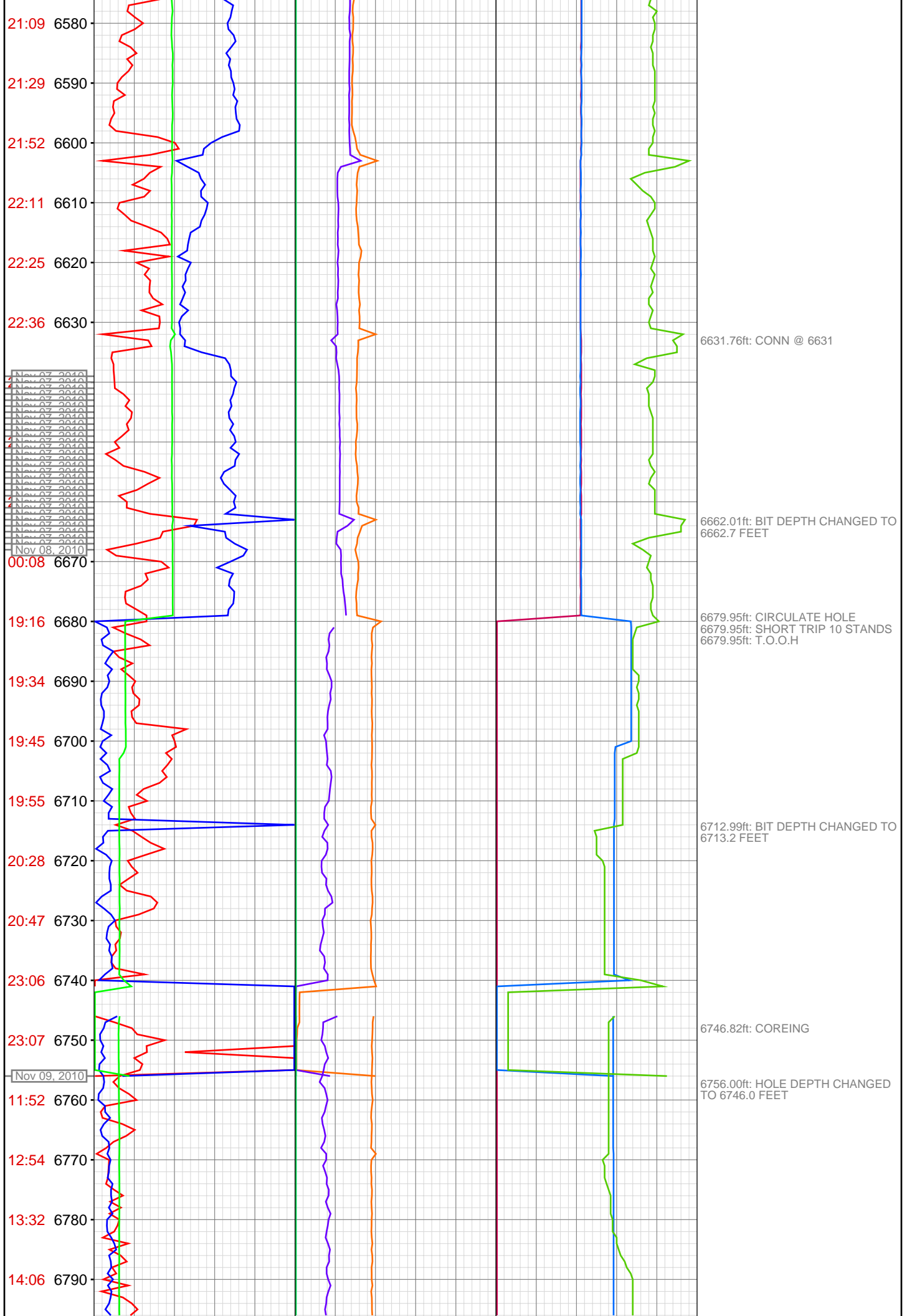


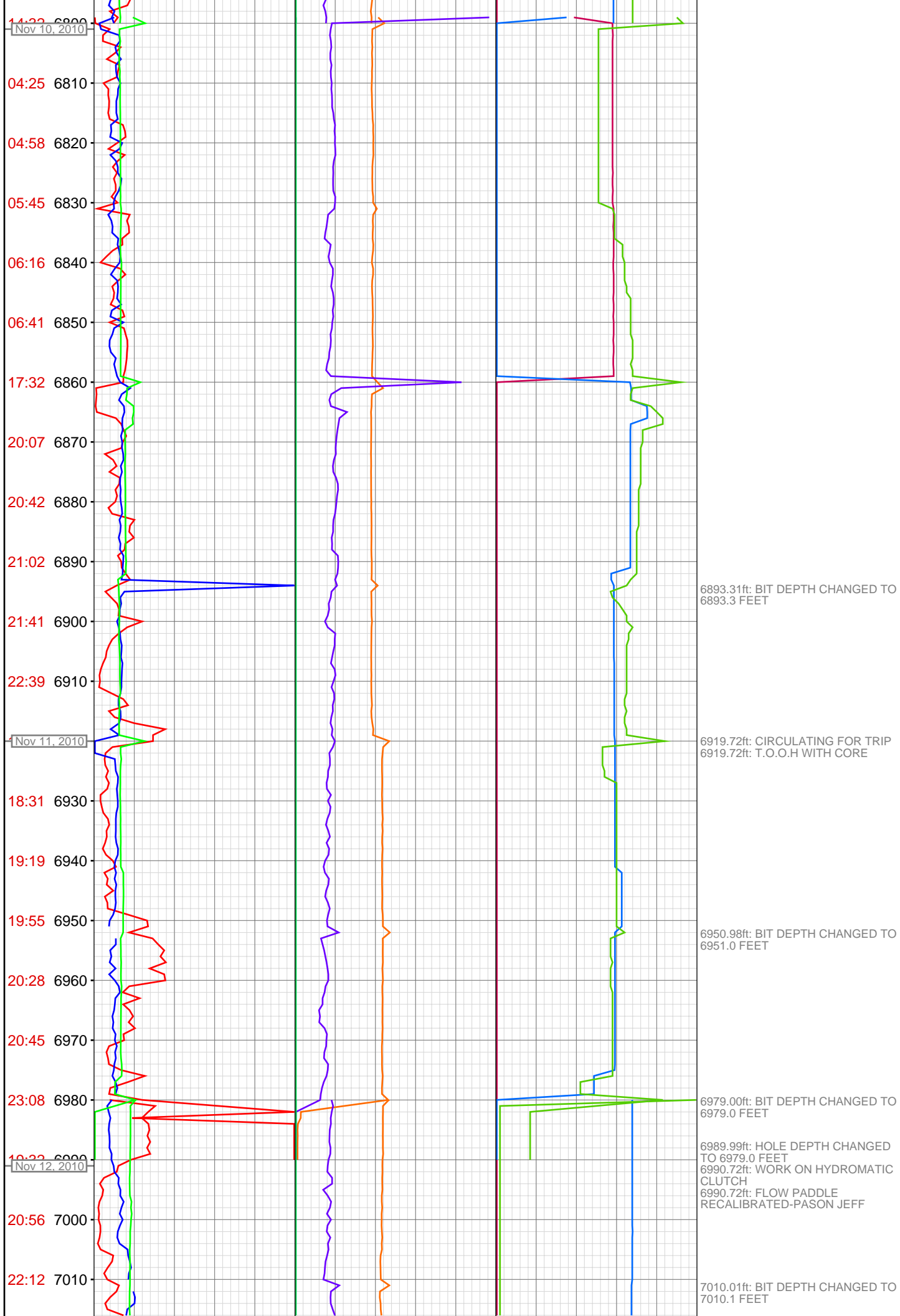


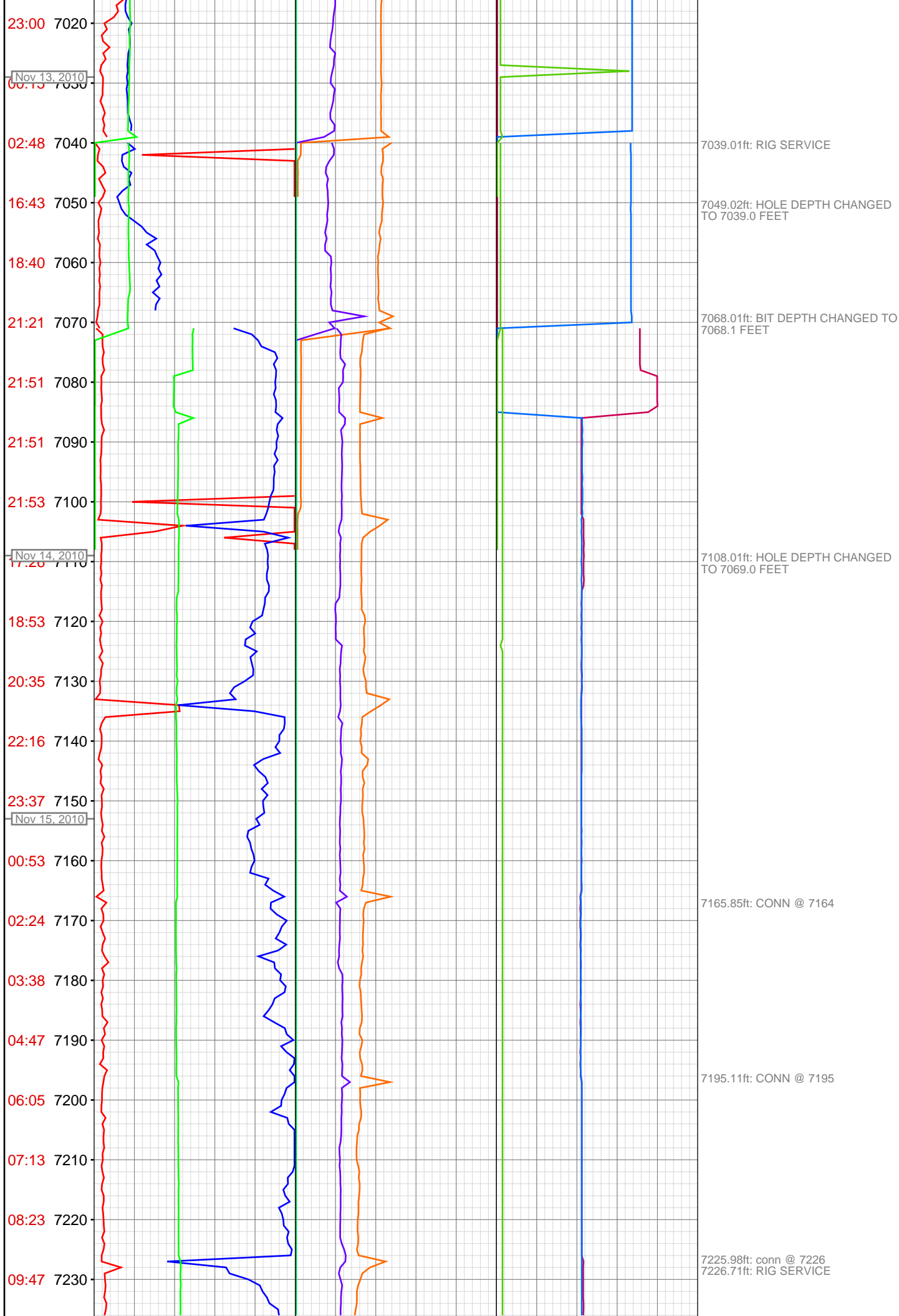


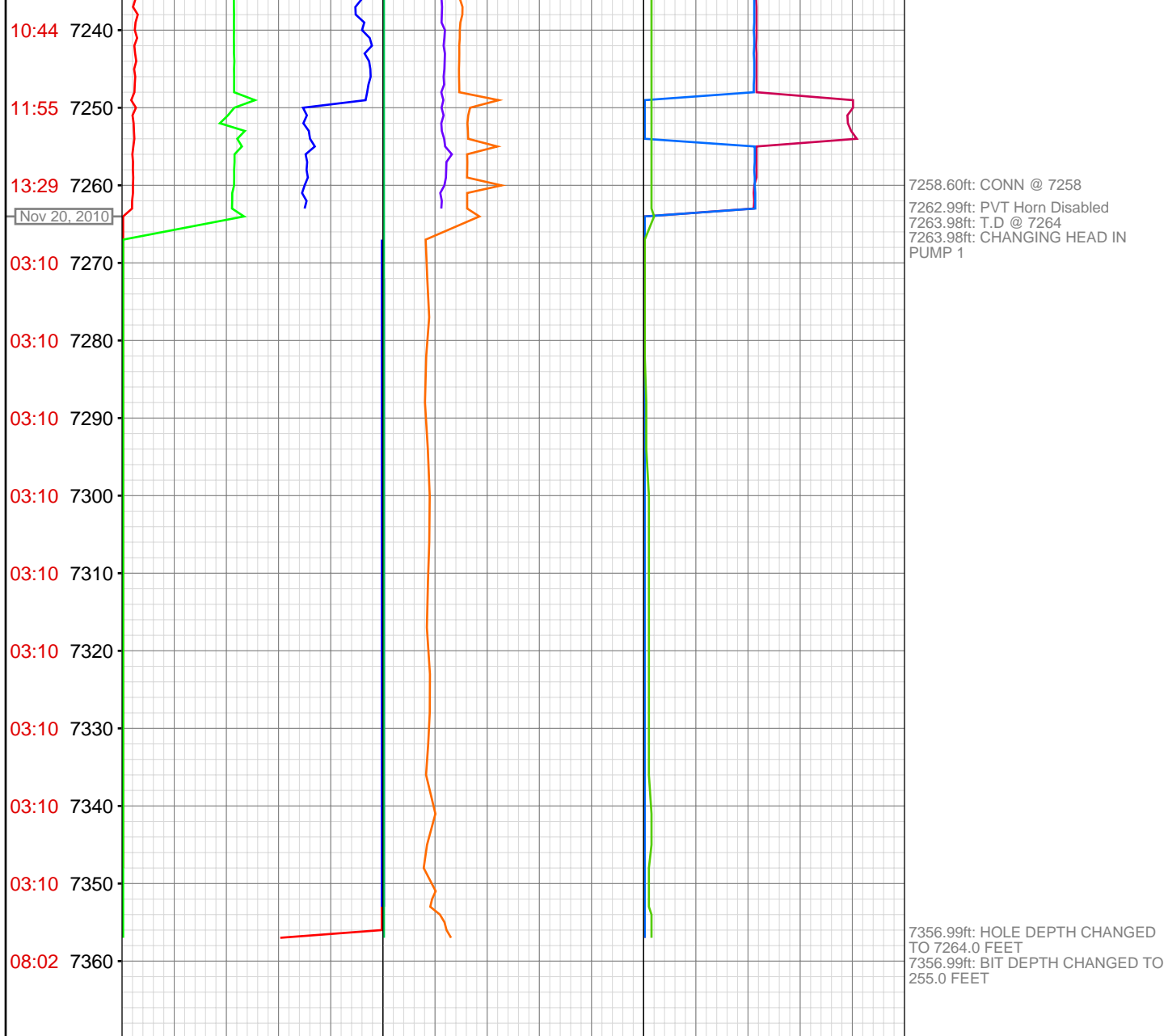












**Illinois Basin Decatur Project**  
**Verification Well # 1**  
**Daily Completion As Built Report**

June 11, 2011: Reconfigured well work platform. Tripped in hole with Westbay pressure monitoring equipment. Ran post inflation profile on all 11 perf zones as well as QA/QC zones. Successful deployment in all zones. Left pressure probe at top zone to monitor pressure inside tubing over weekend. Well construction activities are now complete. Next step will be operation of Verification well for monitoring and sampling.

June 10, 2011: Finished tripping out of hole with Westbay inflation tools. IEPA on location to witness annulus pressure test to establish mechanical integrity. Pressured annulus to 317 psia and monitored for one hour with no leak off. Successful test. Secured location. SDFN. Next 24 hours: Trip in hole with Westbay pressure probe and conduct post inflation pressure profile.

June 9, 2011: Finished tripping in hole with Westbay inflation equipment. Successfully inflated Packer 28, final and uppermost packer in Westbay completion ( approx 4826ft). Pressure tested annulus to 300 psi for two hours confirming mechanical integrity. Started out of hole with Westbay packer inflation equipment. Made it halfway out of well. Secured location. SDFN Next 24 hours: Finish tripping out Westbay packer inflation equipment. Conduct official MIT for IEPA inspector. Connect well to frac tank for purging activities. Trip in hole with Westbay pressure transducer for post inflation profiling.

June 8, 2011: Rigged down Key Energy Services Rig 41 and moved out. Loaded all support equipment and moved out. Everything off location at 11:00 hours. Held meeting with ISGS to discuss sampling techniques and inspect sample bottles. Rigged up Westbay packer inflation tools and started in hole. Tripped in to 2200ft. Secured location. SDFN Next 24 hours: Finish tripping in hole and inflate last

packer ( #28). Pressure test for mechanical integrity. Start out of hole with packer inflation tools.

June 7, 2001: Finished tripping out of hole with Westbay packer inflation tools. Waited on pumping port opening equipment to arrive. Tripped in hole with Westbay pumping port opening and closing tools. Opened Pumping Port # 11 at approximately 4785ft. Lowered tool 150 feet below pumping port. Rigged Franklin Well Services to well. Broke circulation pumping 9.2 ppg brine down the tubing and returning from the annulus. After pumping 20 bbls 9.2 ppg brine switched to 9.4 ppg NaCl brine with Nalco Adomite ASP 539D corrosion inhibitor at a concentration of 2 gallons per 1000 gallons brine. Pumped total of 78 bbls packer fluid and displaced tubing with 27.8 bbls 9.4 ppg NaCl brine. Pump rate .5-.7 BPM. Returned 4.5bbls packer fluid to flat tank as planned. Returned well fluids very clean. Shut down well in balance. Westbay picked tool back up and closed pumping port. Rigged Franklin to annulus and pressured annulus to 200 psi with no flow from tubing and no pressure increase on Westbay tool down hole. Good test. Bled off pressure and rigged down Franklin. Pulled Westbay tools out of well. CWI. SDFN. Next 24 hours. Rig down Key Well Services and move out equipment. Start in hole with Westbay packer inflation equipment.

June 6, 2011: Made additional attempts to inflate packer 24 with no success. Moved to Packer 26 which is lower packer below Zone 12 upper Ironton-Galesville perms. Packer would not inflate. Results very similar to Packer 24. Moved on to Packer 27 which is above the Zone 12 perms 4918-4921. Packer inflated as per design. Held meeting to discuss options going forward. Decision made to continue with plan which is to trip out Westbay inflation tools and go in hole with tool to open sliding sleeve below Packer 28. Started out of hole with Westbay inflation tools. Made it to 950 feet. Secured location and shut down for night. Next 24 hours: Finish tripping out with inflation tools. Trip in with tool to open sliding sleeve. Displace hole with packer fluid and close sliding sleeve.

June 5, 2011: Inflated packers 21-23. Attempted inflation of packer 24 which is the packer just below the lowermost Ironton Galesville perms at 5000-5004 (Zone 10). Packer inflation data indicated a loss of pressure in the packer. The Packer

Inflation valve can be closed and the hydraulic integrity of the Westbay tubing is not compromised. Preliminary investigation indicates the packer element may have failed and the packer does not seal in the tubing casing annulus. With regard to the future operation of the monitoring well, the lack of packer seal in this position would have no effect on pressure monitoring in Zone 10 nor on the annulus isolation of zones in the Mt. Simon. The primary purpose of this packer is to restrict the annulus volume isolated across Zone 10 limiting purge volumes for fluid sampling from Zone 10. The lack of a packer seal at this position may have an effect on purge volumes, though this effect is mitigated by the earlier decision to put the pumping ports above the perforations to mitigate risk of sand in purge water. The 6 QA/QC packers positioned above the Mt. Simon (in the Eau Claire) all inflated and sealed correctly and as such positively seal the annulus through the confining layer as per design. After two attempts at inflation decision was made to come up to Packer 25 to make sure inflation equipment is working correctly. Packer 25 inflated properly. SDFN

June 4, 2011: Continued packer inflation. Inflated packers 12-20.

June 3, 2011: Continued packer inflation. Inflated packers 2-11.

June 2, 2011: Finished tripping in hole with inflation tools. Positioned tools in well and inflated Packer # 1.

June 1, 2011: Started tripping in with Westbay packer inflation tools on wireline and inflation hose. Tripped in to 4000 ft. Pressure tested N2 control line. Held okay.

May 31, 2011: Tripped in hole with pressure probe and finished pre-inflation pressure profile. Started preparations for packer inflation. Spotted inflation hose reel, filling inflation hose

May 28, 2011: Continued pre-inflation pressure profile and trip out of hole with Westbay pressure probe. Secure location and shut down for weekend.



May 27, 2011: Go in hole with Westbay pressure probe and start pre-inflation profile.

May 26, 2011: Held morning safety and operations meeting focusing on running nitrogen injection line banded to 2 7/8 tubing. Rigged up Baker Hughes spooling equipment. Picked up Schlumberger side pocket gas lift mandrel and placed in 2 7/8 tubing string. Connected 5/8 inch injection tubing to gas lift mandrel and lowered in well. Ran 20 stands 2 7/8 tubing banding 5/8 inch injection line to tubing. Added 3 bbls 9.2 ppg brine each 8 stands. Positioned tubing in wellhead. Rigged up Wayne County Surveys and ran Gamma Ray/ Collar locator log for final positioning of Westbay completion. Found Westbay measurement ports to be positioned in mid to lower perms instead of upper perms as desired. Picked up tubing and laid down top joint measuring 31.82 feet and picked up 2- 27/8 X 10ft, 1-27/8 X 6ft, and one 2 7/8 X 2ft pup joints totaling 28.82 feet shortening string by 2.99 feet. Final depth of Westbay 7126 and top at 4747. Gas lift mandrel at 1209 feet. Removed BOPs and connected tubing to tubing hanger. Connected 5/8 inch injection line to pass through in tubing hanger. Lowered tubing and landed in tubing spool. Flanged up top well head assembly and tested tubing hanger to 2000 psi. Secured blocks to allow Westbay access to well. Westbay ran in hole to uppermost measurement port and confirmed equipment function. Fluid level inside tubing at 740 feet and in annulus at 380 feet. Released rig crew for week off. Shut down for night. Next 7 days: Run pre-inflation pressure profile. Begin packer inflation. Circulate packer fluid and conduct MIT.

May 25, 2011: Held morning safety and operations meeting. Severe storms so had everyone seek shelter and monitor weather radio. Discovered that Baker Tubing Services had brought the wrong control line 1/4 inch instead of the 1/2 inch as ordered. Made several calculations to see if running two 1/4 inch lines would work and found that the friction loss would be too great to properly air lift the well with nitrogen. Arranged for a reel of 5/8 inch tubing to be delivered. Westbay checked fluid level and continued testing system until storm shut down activity. Closed well in and shut down for day. Next 24 hours: Run gas lift valve with control line remaining 1209 feet into well. Land well and verify depth of Westbay using Gamma ray log and collar locator.

May 24, 2011: Held morning safety and operations meeting. Westbay on site continuing commissioning the Westbay completion system. Finished at 1400 hours. Resumed lowering the Westbay system into the well adding 3 bbls 9.2 ppg brine every eight stands of tubing. Reached depth of 5919 ft. Moved excess tubing off racks. Secured area. Closed well in. Shut down for night. Next 24 hours: Add gas lift valve to string and lower Westbay into position, verify depth and hang tubing in well head.

May 23, 2011: Held morning safety and operations meeting. Discussed how to best handle the lightweight Westbay tubing in the face of high winds. Devised plan to use tag line fastened to Westbay elevators to attempt to help hold Westbay pipe straight. Rigged to continue lowering Westbay completion in well. Ran remaining 54 pieces in well. All Westbay in well at 1300 hours. Total Westbay pieces 158 for a length of 2382 feet. Made up Westbay X 2 7/8 changeover and picked up one joint 2 7/8 inch tubing. Stripped off Westbay work platform and hung well off in rig slips. Rigged up Westbay wireline unit and ran in hole confirming location of Westbay ports and magnets. Closed well in. SDFN. Next 24 hours: Continue confirmation testing of Westbay and then lower into well to approximately 5900 ft.

May 22, 2011: Held morning safety and operations meeting. Opened well. Checked fluid level in Westbay tubing and found the same as previous night. Pulled 10 ft 2 7/8 pup with Westbay changeover out of well and laid down. Made final checks to remaining Westbay packers. Continued running Westbay completion system hydro testing each connection to 450 psi. Ran 105 pieces. Picked up 106 piece and was making it up when gust of wind hit causing the thread to become galled. Laid down pieces 106 and 105. Weather deteriorating quickly, under severe thunderstorm warning and tornado watch. Secured Westbay pieces onto pipe racks and secured location. Reran 10ft 2 7/8 pup with Westbay crossover. 104 total pieces of Westbay completion run into well 1518 ft. Shut well in. SDFN. Next 24 hours: Finish lowering Westbay completion into well.

May 21, 2011: Held morning safety and operations meeting. Picked back up first piece of Westbay completion string and retested X-plug to 450 psi. Held okay.

Started lowering Westbay completion system into well hydro testing each connection to 450 psi. Ran a total of 67 pieces for 913 ft into well. Added 3 bbls 9.2 ppg brine to tubing. Checked fluid level and found at 739 feet. Picked up 2 7/8 x 10 ft pup joint with Westbay changeover. Lowered in well. Closed well in. Shut down for night. Next 24 hours: Finish lowering Westbay completion into well.

May 20, 2011 Held morning safety and operations meeting. Continued Westbay layout and cross check. Fabricated work stand to assist in running Westbay. Ran sand line in well to find fluid level. Fluid level at approximately 675 feet. Conducted Westbay handling training session with rig crew. Picked up first Westbay tubing. On bottom placed 1.875 X-nipple with Westbay threads. Put 1.875 X-lock plug and 1.875 PX prong in X-nipple. Placed 1.875 Junk basket above prong. Pressure tested plug while hanging in derrick. Found X-plug to be leaking. Contacted manufacturer and discussed low pressure testing. Made suggested repair and pressure tested to 500 psi. Due to late time decided to shut down for night. Closed well in. SDFN.

May 19, 2010: Held morning safety and operations meeting. Picked up 4 3/4 bit and casing scraper and tripped in hole. Tagged sand fill 7143. Conferred with Westbay, latest design has bottom of Westbay at 7128 and need 20 feet minimum below. Rigged to reverse circulate sand. Well circulated after 24 bbls indicating that fluid level was at approximately 1250 feet below surface. Slowly circulated sand fill to PBTD of 7166. Fluid returns slowing as sand was at surface. Continued circulating until fluid cleaned up. Gauged tanks and determined that approximately 60 bbls fluid lost while circulating. Changed over to pump down tubing and spotted 65 bbls 9.4 ppg NaCL brine with five gallons Nalco ASP-539D corrosion inhibitor/oxygen scavenger packer fluid additive. Tripped out of hole standing back 74 stands and laying down remaining 76 joints of tubing. Westbay continuing to layout Westbay completion, testing packers and measurement ports. Next 24 hours: Conduct operations meeting on Westbay handling. Start to lower Westbay completion in hole.

May 18, 2001: Held morning safety and operations meeting. Opened well with moderate blow on tubing. Rigged to continue swabbing Zone 11. Initial fluid level

600 feet below surface. Started swabbing making runs 1000 ft into fluid. Fluid level dropped to 3400 feet below surface after seven runs and maintained between 3200-3500 for rest of day. ISGS on location to test water chemistry. Westbay continuing to lay out Westbay completion. Made a total of 18 swab runs with a fluid recovery of 112 bbls for the day and 146 bbls for Zone 11 ( Tbg vol 29 bbls). Water chemistry stabilized. Ended swabbing for Zone 11. Released packer and tripped in hole. Latched onto and released bridge plug. Tripped in hole. Set RBP at 6889 and packer at 6780 isolating Zone 4 perfs 6837-6840. Tested both packer and plug. Swabbing to confirm previous results from Zone 4. Rigged to swab. Initial fluid level 600 feet below surface. Swabbed well down to 1100 feet below surface in three runs. Swabbing 600-700 feet pulls to try to minimize sand production. Bottoms up fluid after 10 runs. Small amount of fine red sand in fluid. Continued swabbing with fluid level slowly dropping to 1300 feet. Fluid chemistry matching previous results. Ended swab test after 18 swab runs. Total fluid recovery 71 bbls. (Tbg vol 39.5 bbl). Ended swab test for Zone 4 and for all zones. Released packer and tripped in hole. Latched onto and released RBP. Tripped out of well. Recovered memory gauges from above packer, below packer, and below bridge plug. Schlumberger Testing on location to start to download data. Laid down Baker packer and retrievable bridge plug. Closed well in. SDFN. Next 24 hours: Trip in hole with bit and scraper. Tag PBTD and circulate sand fill if necessary. Spot packer fluid in lower part of hole where Westbay will be placed. Trip out of hole laying down 74 jts tubing.

May 17, 2011: Held morning safety and operations meeting. Released packer and tripped in hole. Latched onto and released RBP. Pulled up hole and set RBP at 5081 and packer at 4938 isolating Zone 10 perfs 5000-5003 ( base of Ironton-Galesville). Tested both plug and packer. Rigged to swab. Initial fluid level at surface. Swabbed well down to 2200 feet in five runs. ISGS on site to test water chemistry. Continued swabbing with fluid level staying at 2300 feet and pulling 1000 feet swabs. On tenth swab rig operator did not hear first flag warning and pulled swab tools into stuffing box parting sand line. Swab tools remained in lubricator. Closed in TIW valve under tools to make sure tools did not go back down well. Shut down for three hours for rig to re-head cable and re-spool line

over top sheave. Rigged back to swab. Fluid level at 600 feet below surface after three hours. Continued swabbing. Fluid chemistry of Ironton –Galesville suggesting that completion fluid had been lost to this zone. Zone cleaning up very slowly. Made total of 29 swab runs recovering 190 bbls fluid ( tbg vol 29 bbl). Fluid level holding at 2200 -2300 feet. Had twenty minute shut down to pump off flat tank to dirty fluid tank and fluid came up hole to 1100 feet. Water chemistry slowly stabilized. Ended swab test of Zone 10. Released packer and tripped in hole. Latched onto and released RBP. Pulled up hole. Set RBP at 4953 and packer at 4875 isolating perfs 4917-20 (top of Ironton-Galesville). Rigged to swab. Fluid level at surface. Made five swab runs, each with 1000 feet of fluid recovering a total of 34 bbls fluid (TBG volume 29 bbls). Last swab run suggests that this zone has had completion fluid invasion as well. Westbay on location laying out Westbay completion and attaching centralizers and magnets. Closed well in. SDFN. Next 24 hours: Swab test Zone 11, retest Zone 4 for pressure data, trip out with test tools.

May 16, 2011: Held morning safety and operations meeting. Opened well and had blow on tubing. Rigged to continue swab testing Zone 7. ISGS on site to test water chemistry. Westbay on site to starting laying out completion string. Initial fluid level 1500 feet below surface. Started swabbing going 800 ft into fluid. Fluid level dropping. After swabbing down to 4000 feet started to get 100-200 feet of fill up between runs. By swab seven the water chemistry started to stabilize. Made two more runs and ended test of Zone 7. Total swab runs in two days was 21. Fluid recovery for day 46.2 bbls and total for Zone 7 102 bbls. Laid down swab equipment. Released packer and tripped in hole. Latched onto and released RBP. Pulled test tools uphole. Set RBP at 5905 and packer at 5795 isolating Zone 8 perfs 5840-5843. Tested both plug and packer, both okay. Rigged to swab. Initial fluid level at surface. Pulled three runs with fluid level recovering quickly after each run. Shut down for lunch. Fluid level came to 500 ft below surface over lunch. Continued swabbing with fluid level stabilizing at 1200 feet and pulling 1000 ft of fluid. Made total of 16 runs with water chemistry stabilizing after 14 runs. Ended swab test of Zone 8. Total fluid recovery 104 bbls. Laid down swab equipment. Released packer and tripped in hole. Latched onto and released RBP. Pulled test

tools up hole. Set RBP at 5715 and packer at 5605 isolating Zone 9 perfs 5653-5656. Zone 9 last Mt. Simon perfs. Rigged to swab. Initial fluid level at surface. Swabbed well down to 1700 feet after four runs. Fluid entry very strong. Continued swabbing with fluid level staying at 1700 feet. Going 800 feet into fluid but well filling up to 1000 ft before swab could be pulled. Made total of 14 runs with water chemistry starting to stabilize after the 11<sup>th</sup> run. Ended swab test of Zone 9 after 14 runs and total of 104 bbls fluid recovered. Chemistry of Zones 8 and 9 different from other Mt Simon water and different from each other. Laid down swab equipment. Closed well in. SDFN. Next 24 hours: Move tools to isolate Zone 10 and swab test.

May 15, 2011: Held morning safety and operations meeting. Rigged to continue swabbing Zone 6. Initial fluid level 1100 feet below surface. ISGS on location to sample fluid. Swabbed well down to 5300 feet in seven runs recovering 35 bbls fluid. Started staging swabs waiting 10 minutes between runs. Fluid level stayed at 5300 feet below surface. Fluid chemistry stabilizing after nine runs. Made two more swab runs collecting larger samples and ended test on Zone 6. Total fluid recovery for day 51.5 bbls and for Zone 6 total 108.5 bbls. Rigged down swab equipment and filled tubing to equalize packer. Released packer and tripped in hole to release bridge plug. Latched onto bridge plug and released and pulled up hole. Set plug at 6478 and set packer at 6367 Isolating Zone 7 perfs 6416-6419. Tested both plug and packer. Rigged to swab. Initial fluid level at 300 feet below surface. Swabbed well down to seating nipple in seven runs recovering 43.5 bbls. Tbg volume is 37 bbl. Started staging swabs at 15 minute intervals. Made five additional runs from seating nipple with fluid level staying at 5500 feet. Recovered additional 18 bbls fluid. Total recovery for day 55bbls. Closed well in. SDFN. Next 24 hours: Continue swab testing Zone 7.

May 14, 2011: Held morning safety and operations meeting. Opened well with slight bow on tubing. Rigged to swab with ISGS on site to test fluid samples. Continued testing Zone 5. Initial fluid level 2700 feet below surface. Made three runs and swabbed well down to 4900 feet. Well producing some fluid. Waited

thirty minutes and then one hour between runs. Fluid entry of approximately 2 bbl fluid per hour. Made total of seven runs recovering additional 35 bbls fluid. Test stabilized. Ended swab test of Zone 5. Total fluid recovered was 77 bbl. ( Tbg Vol 39 bbls) Filled tubing and released packer and tripped in hole. Latched onto and released RBP. Pulled packer and plug up hole. Set RBP at 6670 and packer at 6589 isolating Zone 6 perfs 6632-6635. Tested both plug and packer, both held okay. Rigged to swab. Initial fluid level 200 feet below surface. Started swabbing going 1000 feet into fluid. After four runs had well swabbed down to 3900 ft. Well starting to produce fluid between runs. Formation fluid to surface after Run 6. Fluid chemistry had abrupt change after Run 7 to a fresher fluid. Made three additional runs with fluid not stable. Total recovery for day from Zone 6 was Closed well in. SDFN. Next 24 hours: Swab test Zone 6.

May 13, 2011: Held morning safety and operations meeting. After weighing the RTAC pressure signature and the water chemistry a decision was made to test the Bridge plug. Released packer and tripped in hole to just above bridge plug. Pressured up on RBP and plug would not test. Retrieved bridge plug and tripped out of hole laying down RBP and Packer. Examined Bridge plug and found it jammed with sand not allowing sealing elements to be compressed against the pipe, appears to have happened on Zone 4. Picked up second set of tools that were on location. Exact configuration as before and tripped into the hole. Tested packer and plug at 4500 feet in blank pipe to 1000 psi. Held okay. Continued tripping in hole. Set RBP at 6762 pulled off plug and set packer to test plug. Tested okay. Pulled up hole and set packer at 6652 isolating Zone 5 perfs 6720-6723. ( Will retest starting with Zone 5, feel that Zones 1-4 was good test) Rigged to swab. Swabbed well down in eight runs recovering tubing volume. Waited 15 minutes and pulled run from seating nipple, possibly 100 ft of fluid fill up. Pulled swab with ISGS recovering samples. Waited 20 minutes and again found hardly any fluid in well possible 100-200 feet. Pulled swab and recovered small amount of fluid. Total recovery for 10 swab runs was 42 bbls. Tubing volume 39 bbls. Closed well in. SDFN. Next 24 hours: Swab test Zone 5. Break down perfs with fresh water if necessary to obtain fluid recovery.

May 12, 2011: Held morning safety and operations meeting. Opened well @ 0730 with slight blow on tubing and annulus dead. Released packer and tripped in hole and latched on to RBP. Released bridge plug and pulled up hole to next setting. Set RBP at 6478 and packer at 6367 isolating Zone 7 perfs 6416-6419. Tested packer to 300 psi. Rigged to swab. Pulled first swab at 0820. ISGS on site to test recovered fluid. Initial fluid level 500 feet below surface. Swabbing from 500 feet into fluid increasing to 700 feet into fluid after two runs and then 1000 feet of fluid after five runs. Fluid level slowly dropped to 900 ft below surface after 8 swab runs and maintained between 900 feet and 1000 feet below surface for remainder of swabbing operation. Trace amount of sand in swabs after bottoms up. Made a total of 27 swab runs recovering 142 bbls fluid. Tubing volume is 37.2 bbl. Fluid samples stabilized and swabbing ceased at 11: 45 am. Shut down for two hours to allow formation to recover before releasing packer. Released packer and tripped in hole. Latched onto and released RBP. Pulled up hole to isolate Zone 8. Set RBP at 5905 and packer at 5795 isolating perforations 5840-5843. Tested packer to 300 psi. Rigged to swab. Initial fluid level 500 feet below surface. Started swabbing by going 500 feet into fluid and increasing to 700 feet into fluid after two runs and then 1000 feet into fluid after five runs. Checked cups for sand after tubing volume had been swabbed with only a trace of sand in cups. Fluid level maintained at 900 feet below surface. Made total of 26 swab runs recovering 144 bbls fluid (tubing volume 33 bbl). Fluid samples stabilized. SDFN 1800 pm to allow formation to equilibrate. Next 24 hours: Move tools to isolate Zone 9 and swab test.

May 11, 2011: Held morning safety and operations meeting. Continued swabbing on Zone 5 perfs (6720-6723). ISGS on site to monitor fluid. Initial fluid level 500 feet below surface. Started with swab 18 by going 500 ft into fluid. Made runs 18-22 with fluid level staying at 600 ft below surface. Recovered 14.2 bbls. Fluid still closer in tests to 9.2 ppg brine than previous formation fluid. Suspended swabbing and pressured annulus to 350 psi and checked tubing for blow. No blow on tubing. Packer holding. Continued swabbing. Runs 23 and 24 went 750 feet into fluid and then started going 1000 feet into fluid from run 25 forward. Very



little sand in fluid. Swabbed to lunch and ended swabbing after run 46. Fluid recovered confirmed formation fluid. Fluid recovery for the day 193 bbls and from previous day 57 totaling 250 bbls from Zone 5. Shut down one hour for lunch. Released packer and reverse circulated 25 bbls for sampling. Lost 19 bbls into formation while circulating. Tripped in hole and tagged up on bridge plug with no fill. Latched onto bridge plug and released. Pulled tubing up hole and set RBP at 6667 and packer at 6589 isolating Zone 6 perfs 6632-6635. Pressured annulus to 350 psi confirming packer set. Rigged to swab at 1345pm. Initial fluid level at 500 ft. Swabbing 700 feet into fluid on runs 1 -2 then 800 feet into fluid on runs 3-13. Tubing volume recovered after run 8. Checked for sand, very little sand in fluid. Increased swabbing depth to 1000 ft into fluid after run 13. Continued swabbing for 25 total runs. Fluid stabilized on last four runs. Recovered total fluid volume of 142 bbls. Decided not to obtain reverse circulation sample and to allow formation to sit over night to equilibrate before releasing packer in an attempt to limit fluid loss to formation. Last swab at 1740pm. SDFN. Next 24 hours: Move tools to isolate Zone 7 and swab test Zone 7.

May 10,2011: Held morning safety and operations meeting. Rigged to swab Zone 4 perfs 6837-6840. Initial fluid level 400 ft below surface. ISGS on location sampling fluid. Made 11 swab runs between 0800 and 0940 recovering 40 bbls fluid. Had sand in cups after 11<sup>th</sup> run and fluid changed to dark reddish brown. Fluid level stabilized at 1200 feet below surface and was pulling swab from 500 ft into fluid. Changed cups to more sand tolerant cup and continued swabbing. Run 12 recovered large amount of sand. Decreased swabbing depth to 300 ft into fluid from runs 13 to 18. Sand slowly decreased with fluid level maintaining at 900 ft below surface. Made total of 25 swab runs before lunch recovering total of 71 bbls fluid. Fluid tests starting to stabilize. Stopped swabbing one hour for lunch. Initial fluid level 600 ft below surface after lunch. Made three additional swab runs after lunch with fluid level holding at 900 ft. Stopped swabbing 1420 pm. Total recovery 85.2 bbl on 28 swab runs. Tubing volume was 39.2 bbl so total of 46 bbl formation fluid produced to surface as well as additional tubing volume inside tubing. Fluid test stabilized. Opened packer bypass and reverse circulated tubing collecting additional fluid samples. Tripped in hole and found 6 ft of fill on

bridge plug. Reverse circulated sand off plug. Latched onto plug and released. Pulled plug and packer up hole and set plug at 6731. Pulled packer to 6652 and set isolating Zone 5 perfs 6720-6723. Rigged to swab. Initial fluid level 400 ft below surface. Made total of 17 swab runs between 1600 and 1800 pm for a total fluid recovery of 57 bbls (Tbg Volume 38.5 bbls). Fluid level staying at 900 ft below surface and swabbing from 500 ft into fluid. Did not experience sand problems as before. Fluid is different in appearance from previous zone. SDFN @ 1800 pm. Next 24 hours activity: Continue swabbing zone 5.

May 5, 2011:

Held morning safety and operations meeting. Rigged to swab test perfs 6945.6-6948.6. Initial fluid level at 200 ft below surface. Made swab runs going only 500 ft into fluid. Had tubing volume swabbed down after 11 runs with fluid level staying between 750- 950 feet. ISGS on site sampling fluid. Started getting formation fluid on run 12 and recovered fine red sand in samples. Run 13 was all formation fluid with a large amount of sand. Changed cups to a more sand tolerant cup and started going into fluid only 350 feet. Pulled four additional swabs in this manner cleaning out swab mandrel and cups after each run. Sand started to decrease after the 17<sup>th</sup> run and 14 additional bbls recovery. Continued to swab in this manner with less sand production. After thirty one runs attempted to go deeper (700ft) into fluid and made two runs but sand production increased so finished the swabbing by going 500 ft into fluid. Fluid level slowly decreased to 1000ft below surface after run 32 and stayed at that level for the rest of the day. Over a 30 minute break fluid level rose to 650 feet but dropped to 1000 ft after two runs. Samples started to develop consistency and decision made to end swabbing. Total of 46 runs and 153 bbls fluid swabbed to flat tank. Filled annulus (10bbl) and opened packer by pass. Reversed circulated tubing catching additional samples of formation fluid. Fluid in tubing and swabbed fluid produced to flat tank was 197 bbls. Initial tubing volume was 38 bbls so net of 159 bbls formation water produced from formation. Stopped circulation and released packer. Tripped in hole to recover bridge plug. Tagged sand six feet above bridge plug. Reverse circulated sand off bridge plug and latched onto bridge plug. Pulled tool up hole and set bridge plug at 6858 and packer at 6780 isolating perfs at 6837-6840. Shut

well in. Suspended operations for long weekend. Will start to swab test zone 4 on Tuesday May 10. NOTE: Ethan reports that downhole pressure recorder in CCS#1 is seeing the influence of swabbing Verification Well # 1.

May 4, 2011:

Held morning safety and operations meeting. Continued to run test tools and tubing into well. Set RBP at 7112 and packer at 7033 isolating perforations in the Granite/Granite Wash 7061.2-7064.2. Held JSA with Key, Baker Hughes, ISGS and U of I personnel concerning swabbing operations. Rigged to swab. Fluid started at surface. Swabbed well down in seven runs with approximately 40 bbl recovery. Changed cups to a cup used to recover small amounts of fluid. Swab 8 had only 100 ft of fluid above seating nipple just above the packer. Waited one hour for swab 9. Found little if any fluid above seating nipple. Pulled swab nine with no recovered fluid. Consulted with ISGS and decided to move tool to next set of perforations. Filled tubing with 9.2 ppg brine. Released packer and tripped in hole. Tagged up on and released retrievable bridge plug. Pulled out of hole. Set RBP at 7016 and packer at 6970 isolating perforations 6983-6986. Rigged to swab. Fluid at surface. Started swabbing going into fluid 1000ft and recovering approximately 5.5 bbls fluid per run. Fluid level staying at 1000-1100 feet after each swab run. During seventh run fluid had dramatic color change to deep orange –brown. Fluid recovery after seventh run was 44 bbls with tubing volume of 40.4 bbls indicating formation fluid was to surface. Checked cups and found cups and swab mandrel packed with fine grained red sand. Changed to a V-type cup that should be more sand tolerant. Waited one hour and ran swab eight. Found fluid level at 650 feet below surface. Pulled 500 ft of fluid and recovered 4 bbls of what appears to be formation fluid. Checked cups and found cups and mandrel packed with fine grain red sand as before. Waited 45 minutes and discussed options as much concern to continue swabbing while producing sand. Made swab nine. Fluid level again at 650 feet below surface. Ran swab only 250 feet into fluid and pulled swab nine recovering approximately 1.75 bbls fluid. Checked swab cups and again cups and mandrel were packed with sand. Consulted rig pusher, Baker Hughes tool hand, and ISGS sampling team and decision was made to forgo any further swabbing. Checked density of produced

fluid and found to be 9.4 ppg so tubing gradient is heavier than annulus. Pressured annulus to 500 psi and picked up tubing to release packer. Packer came loose and immediately started pumping down annulus reverse circulating tubing. Caught several samples of fluid that was in tubing that was directly from formation including a bottoms up sample ensuring that samples were caught from two tubing volumes of produced fluid. While circulating observed that after initial heavy sand laden fluid was circulated out the fluid became much cleaner and had less sand content indicating that formation might have produced large quantities of sand initially with first fluid. Shut down circulation and tripped in hole. Found 12 feet of sand on top of RBP. Reverse circulated sand off bridge plug and circulated hole clean. Latched onto RBP and released plug. Moved up the hole. Set RBP at 6965 and packer at 6907 isolating Mt. Simon perms 6945.6-6948.6. Closed well in and shut down for night. Next 24 hours activity: Swab test perms 6945.6-6948.6. Will swab only 500 ft pulls and pull slowly to attempt to minimize sand production. Will attempt to get good formation fluid samples and move tools to next zone prior to shutting down for long weekend.

May 3, 2011:

Held morning safety and operations meeting. No pressure on well. Picked up bit and scraper and re-ran into well on 2 7/8 inch tubing to 7150 ft. Tripped back out the hole laying down bit and scraper. Held JSA to discuss picking up and running testing string. Made up tool string as follows from bottom up: one four foot perforated pup joint with tapped bull plug in bottom containing two Schlumberger sapphire memory gauges, Baker Hughes Model G retrievable bridge plug, retrieving head for bridge plug, one six foot pup joint onto which is clamped two Schlumberger sapphire memory gauges attached with a Cannon clamp, Baker Hughes EA Retrievalmatic packer, seating nipple, and first joint of 2 7/8 tubing onto which is clamped two Schlumberger memory gauges attached with a Cannon clamp. All tools measured and callipered. Memory gauges set for 15 second sampling rate for one month. Ran test string in well to 5760. Shut down for night. In the last two days the ISGS sampling team have prepared fluid sampling station and portable lab and have made up collection points at both the swab tee and at the fluid entry point into the flat tank. Next 24 hours: Isolate lowermost set of

perforations (granite wash) and swab test. If no recovery move tool to isolate the lowermost Mt. Simon perforations and swab test for fluid samples.

May 2, 2011:

Rigged Schlumberger to well and perforated in two runs the following intervals using 3.5" PowerJet Omega 3106 HMX charges:

7061.2-7064.2 6 spf 60 degree phase 18 total shots

6983-6985.5 4 spf 120 deg ph 11 total shots

6945.6-6949.1 4 spf 120 deg ph 11 total shots

6837.1-6840.6 4 spf 120 deg ph 11 total shots

6720.3-6723.8 4 spf 120 deg ph 11 total shots

6632.3-6635.8 4 spf 120 deg ph 11 total shots

6416.2-6419.7 4 spf 120 deg ph 11 total shots

5840.4- 5843.9 4 spf 120 deg ph 11 total shots

5653.8-5657.3 4 spf 120 deg ph 11 total shots

5000.7-5003.7 6 spf 60 deg ph 18 total shots

4917.5-4902.5 6 spf 60 deg ph 18 total shots

All guns fired. Reference log SLB RST ran 3/15, 2011. Wireline TD 7166. Ran PMIT casing inspection log. Shut well in. Shut down for night. Next 24 hours Trip in hole with bit and scraper, trip back out of hole. Pick up retrievable packer and plug and memory gauges.

May 1, 2011:

Tested pipe rams and casing to 675 psi for 30 minutes. Good test. Tripped out of hole tallying tubing. New tubing PBTD 7165. Filled hole with 9.2 ppg brine. Tested blind rams and casing to 375 psi for thirty minutes. Good test. Spot Schlumberger

perforating truck to well and lay out equipment. Shut down for night. Next 24 hrs activity: Perforate 11 zones, run casing inspection log, trip in hole with bit and scraper and circulate well.

April 30, 2011:

Picked up 4 ¾ inch bit and casing scraper. Ran in hole on new 2 7/8 EUE 8rd 6.5 #/ft L-80 tubing. Tallied tubing going in hole. Started to tag soft fill at approximately 7120. Rigged to reverse circulate washed down to approximately 7147 and found hard PBTD. Circulated hole with clean 9.2 ppg brine. Circulated total of 210 bbls. Shut down for night. Note: Depths are approximate. Windy conditions made tallying pipe difficult, will re-tally today. Shut down for night  
Next 24 hrs: pressure test casing and pipe rams. Trip out of hole tallying tubing and rig to perforate.

April 29, 2011:

Spotted support equipment and rigged up. Moved completion unit over well and rigged up. Nipped up 7 1/16 5K BOP and function tested. Offloaded 7308 feet of new 2 7/8 6.5#/ft EUE L-80 tubing onto pipe racks. Rigged up pump and lines and prepared to start picking up tubing. Shut down for night.

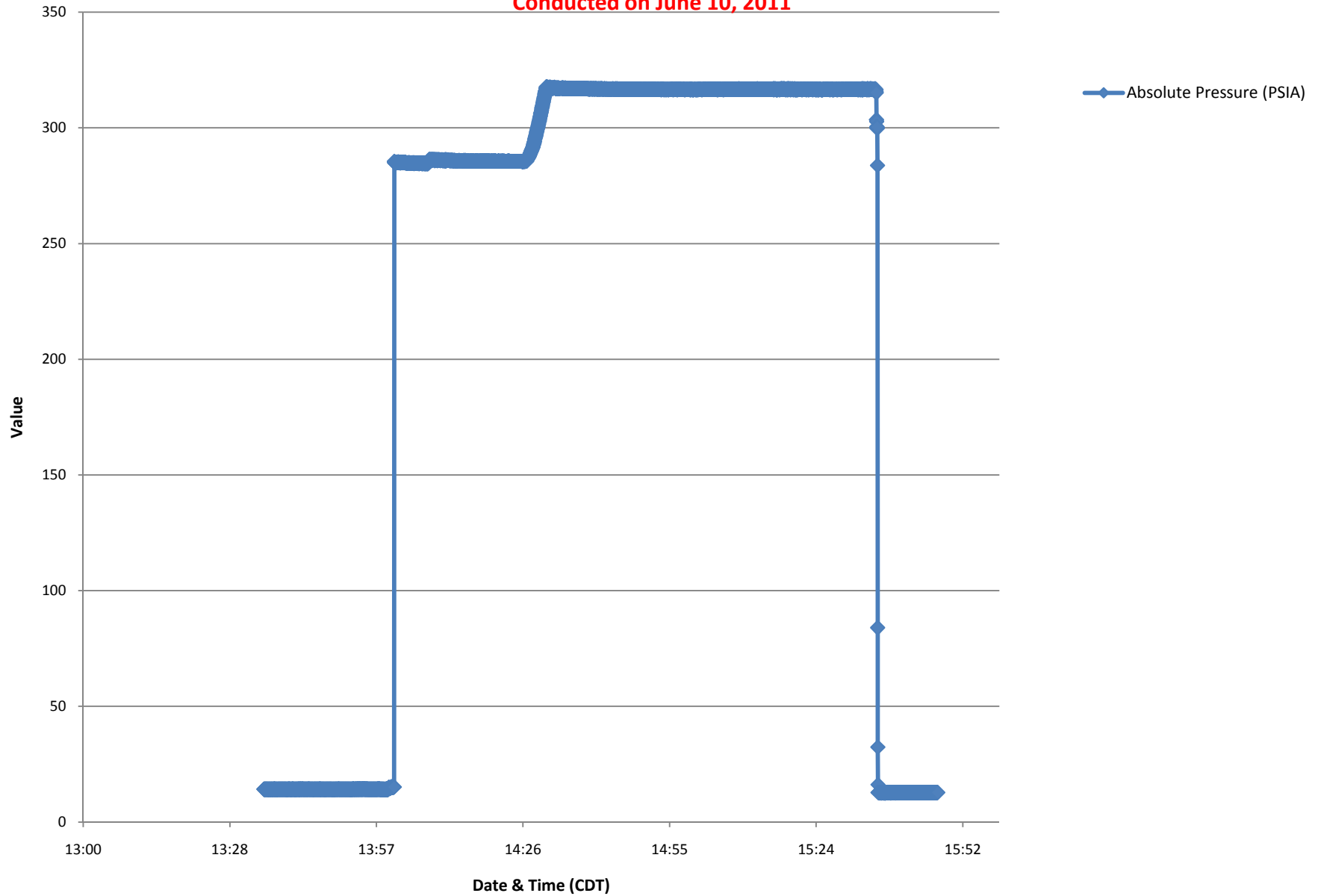
April 28, 2011:

Moved in Key Energy Services completion unit to wellsite. Added gravel to level site and build base. Conducted five hour safety and operations meeting with personnel from ADM, ISGS, University of Illinois, Schlumberger Carbon Services, and Schlumberger Water Services – Westbay. Moved in support equipment and drove rig to location. Shut down for night.

**Appendix X. Records of Tests and Logs During and After  
Drilling (see boxes labeled X.A and X.B)**

## Annular MIT

Conducted on June 10, 2011

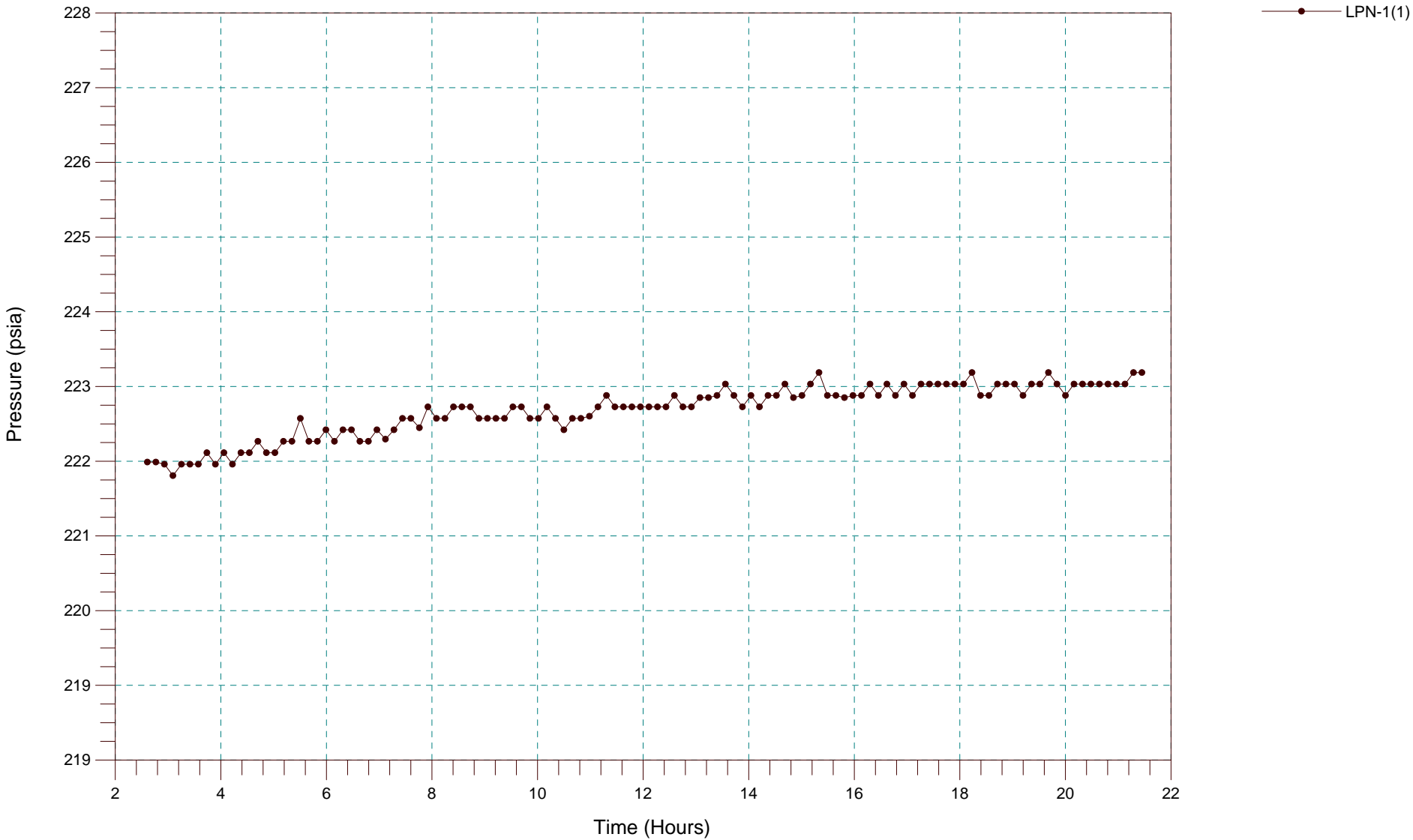




Project:  
Description:

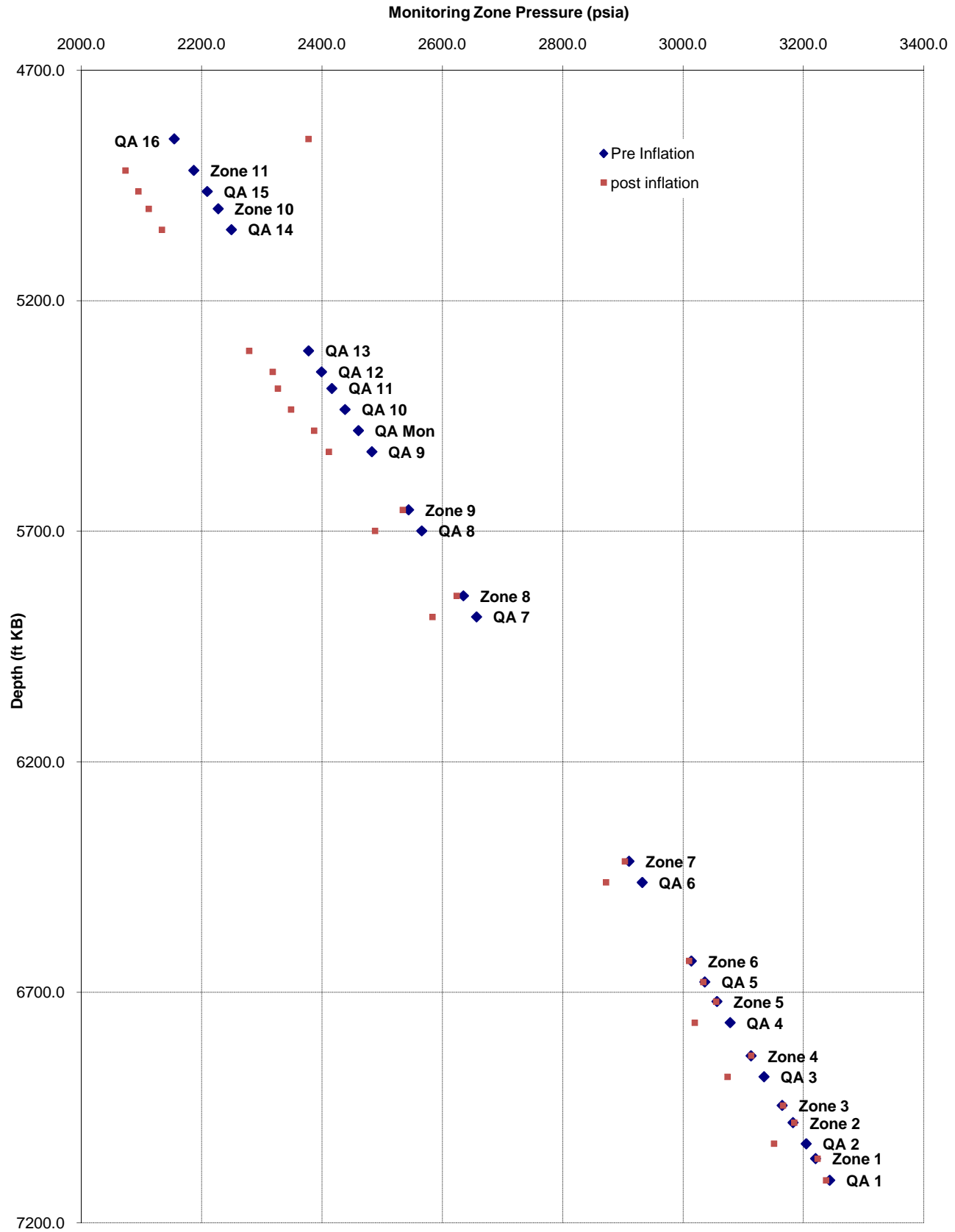
Time/Data (Pressure)

Company:  
Site:



**Pressure Measurement Profile:  
Monitoring Well: ADM-IBDP-WV-1**

Profile Date: June 11/2011  
Comments: Pre and Post-Inflation



Client: Schlumberger/ISGS  
Site: Decatur, IL  
Datum: KB

**Figure 4**

Plot By: AB Date: \_\_\_\_\_  
Checked By: DL Date: \_\_\_\_\_  
Westbay Project: WB 886

## **Appendix XI. Casing and Centralizer Tally Sheets**

×	PACKER	
1	1.00	Shoe
2	1.20	Collar
3	42.18	x
4	42.18	
5	42.18	
6	42.11	
7	42.14	
8	42.18	
9	42.19	
10	42.23	
11	42.15	381.72
12	42.18	423.90
13		Leave out last jt
14		
15	381.72	
16	377.	HOLF
17	4.72	UP
18		
19		
20		

13<sup>3</sup>/<sub>8</sub> 54.5# API J/K-55

Prepared by: Jim Kirksey	IPM	Ref. IPM-FO-WCI-007
Verified by:	Casing Tally Template (Oilfield Units)	Ver. 1.0.0
Date: 10/26/2010		Issued: Jun 2009



Well: Verification Well # 1  
Rig: Pioneer 15  
Date: 26-Oct-10

WSS:   
AWSS:   
RM:

											Thread	Make up Torque
											LTC	
HOLE SIZE			12.25	[in]	CASING / DP OD:			STRING 1	STRING 2	STRING 3	STRING 4	STRING 1
MW:			9	[ppg]	ID:			9 5/8				STRING 2
Flotation Factor (FF):			0.863		WEIGHT:			8.835				STRING 3
Total CENTRALIZERS			25		CAPACITY.:			40				STRING 4
					DISPLACEMENT.:			0.076	0.000	0.000	0.000	TD
								0.090	0.000	0.000	0.000	Shoe Depth
												5320.00 [ft]
												5319.00 [ft]
N°	CENT	IN: YES /NO	LENGTH [ft]	CUMUL. LENGTH [ft]	GRADE	CONNECTION	AIR WEIGHT / JOINT [lb/ft]	METAL DISP VOL [bbl]	CUMUL. FLOT WT. [Kib]	TOP DEPTH [ft]	REMARKS	
Shoe		YES	2.10	2.10	N-80	LTC	0.0	#N/A	0	5316.90		
1	X	YES	46.47	48.57	N-80	LTC	40.0	#N/A	1.6	5270.43	Baker Lock at top	
2	X	YES	46.24	94.81			40.0	#N/A	3.2	5224.19		
		NO		94.81				#N/A	3.2	5224.19		
F. Collar		YES	2.20	97.01	N-80	LTC		#N/A	3.2	5221.99		
3	X	YES	46.45	143.46	N-80	LTC	40.0	#N/A	4.8	5175.54	Baker Lock at top	
4	X	YES	45.33	188.79	N-80	LTC	40.0	#N/A	6.4	5130.21		
5	X	YES	46.50	235.29	N-80	LTC	40.0	#N/A	8.0	5083.71		
6	X	YES	46.53	281.82	N-80	LTC	40.0	#N/A	9.6	5037.18		
7	X	YES	46.42	328.24	N-80	LTC	40.0	#N/A	11.2	4990.76		
8	X	YES	45.65	373.89	N-80	LTC	40.0	#N/A	12.8	4945.11		
9	X	YES	46.47	420.36	N-80	LTC	40.0	#N/A	14.4	4898.64		
10	X	YES	46.44	466.80	N-80	LTC	40.0	#N/A	16.0	4852.20		
11	X	YES	46.38	513.18	N-80	LTC	40.0	#N/A	17.6	4805.82		
12	X	YES	46.52	559.70	N-80	LTC	40.0	#N/A	19.2	4759.30		
13		YES	46.55	606.25	N-80	LTC	40.0	#N/A	20.8	4712.75		
14		YES	47.10	653.35	N-80	LTC	40.0	#N/A	22.4	4665.65		
15		YES	46.50	699.85	N-80	LTC	40.0	#N/A	24.0	4619.15		
16		YES	46.55	746.40	N-80	LTC	40.0	#N/A	25.6	4572.60	Loss Zone	
17		YES	46.57	792.97	N-80	LTC	40.0	#N/A	27.2	4526.03		
18		YES	46.67	839.64	N-80	LTC	40.0	#N/A	28.8	4479.36		
19		YES	46.30	885.94	N-80	LTC	40.0	#N/A	30.4	4433.06		
20		YES	46.52	932.46	N-80	LTC	40.0	#N/A	32.0	4386.54		
21		YES	45.05	977.51	N-80	LTC	40.0	#N/A	33.6	4341.49		
22		YES	46.56	1024.07	N-80	LTC	40.0	#N/A	35.2	4294.93		
23		YES	46.17	1070.24	N-80	LTC	40.0	#N/A	36.8	4248.76		
24		YES	46.63	1116.87	N-80	LTC	40.0	#N/A	38.4	4202.13		
25		YES	46.56	1163.43	N-80	LTC	40.0	#N/A	40.0	4155.57		
26		YES	45.67	1209.10	N-80	LTC	40.0	#N/A	41.6	4109.90		
27		YES	46.37	1255.47	N-80	LTC	40.0	#N/A	43.2	4063.53		
28		YES	46.52	1301.99	N-80	LTC	40.0	#N/A	44.8	4017.01		
29	X	YES	46.68	1348.67	N-80	LTC	40.0	#N/A	46.4	3970.33		
30		YES	45.72	1394.39	N-80	LTC	40.0	#N/A	48.0	3924.61		
31	X	YES	46.84	1441.23	N-80	LTC	40.0	#N/A	49.6	3877.77		
32		YES	46.55	1487.78	N-80	LTC	40.0	#N/A	51.2	3831.22		
33	X	YES	46.74	1534.52	N-80	LTC	40.0	#N/A	52.8	3784.48		
34		YES	46.30	1580.82	N-80	LTC	40.0	#N/A	54.4	3738.18	Cement basket	
35		YES	46.67	1627.49	N-80	LTC	40.0	#N/A	56.0	3691.51	Stage collar 2.5 ft	
36	X	YES	46.70	1674.19	N-80	LTC	40.0	#N/A	57.6	3644.81		
37		YES	46.52	1720.71	N-80	LTC	40.0	#N/A	59.2	3598.29		
38	X	YES	46.50	1767.21	N-80	LTC	40.0	#N/A	60.8	3551.79		
39		YES	44.85	1812.06	N-80	LTC	40.0	#N/A	62.4	3506.94		
40	X	YES	46.50	1858.56	N-80	LTC	40.0	#N/A	64.0	3460.44		
41		YES	44.18	1902.74	N-80	LTC	40.0	#N/A	65.5	3416.26		
42		YES	46.57	1949.31	N-80	LTC	40.0	#N/A	67.1	3369.69		
43		YES	45.53	1994.84	N-80	LTC	40.0	#N/A	68.7	3324.16		
44		YES	46.40	2041.24	N-80	LTC	40.0	#N/A	70.3	3277.76		
45		YES	41.40	2082.64	N-80	LTC	40.0	#N/A	71.7	3236.36		
46	X	YES	46.50	2129.14	N-80	LTC	40.0	#N/A	73.3	3189.86		
47		YES	45.40	2174.54	N-80	LTC	40.0	#N/A	74.9	3144.46		
48		YES	45.87	2220.41	N-80	LTC	40.0	#N/A	76.5	3098.59		
49		YES	46.37	2266.78	N-80	LTC	40.0	#N/A	78.1	3052.22		
50		YES	46.55	2313.33	N-80	LTC	40.0	#N/A	79.7	3005.67		
51		YES	47.42	2360.75	N-80	LTC	40.0	#N/A	81.3	2958.25		
52	X	YES	46.50	2407.25	N-80	LTC	40.0	#N/A	82.9	2911.75		
53		YES	46.52	2453.77	N-80	LTC	40.0	#N/A	84.5	2865.23		
54		YES	44.70	2498.47	N-80	LTC	40.0	#N/A	86.1	2820.53		
55		YES	46.53	2545.00	N-80	LTC	40.0	#N/A	87.7	2774.00		
56		YES	43.98	2588.98	N-80	LTC	40.0	#N/A	89.2	2730.02		
57		YES	46.00	2634.98	N-80	LTC	40.0	#N/A	90.8	2684.02		
58	X	YES	46.53	2681.51	N-80	LTC	40.0	#N/A	92.4	2637.49		
59		YES	46.55	2728.06	N-80	LTC	40.0	#N/A	94.0	2590.94		
60		YES	46.50	2774.56	N-80	LTC	40.0	#N/A	95.6	2544.44		
61		YES	46.40	2820.96	N-80	LTC	40.0	#N/A	97.2	2498.04		
62		YES	45.66	2866.62	N-80	LTC	40.0	#N/A	98.8	2452.38		
63		YES	45.38	2912.00	N-80	LTC	40.0	#N/A	100.3	2407.00		
64	X	YES	46.15	2958.15	N-80	LTC	40.0	#N/A	101.9	2360.85		
65		YES	45.33	3003.48	N-80	LTC	40.0	#N/A	103.5	2315.52		
66		YES	46.50	3049.98	N-80	LTC	40.0	#N/A	105.1	2269.02		
67		YES	38.00	3087.98	N-80	LTC	40.0	#N/A	106.4	2231.02		
68		YES	37.53	3125.51	N-80	LTC	40.0	#N/A	107.7	2193.49		
69		YES	46.48	3171.99	N-80	LTC	40.0	#N/A	109.3	2147.01		
70	X	YES	44.62	3216.61	N-80	LTC	40.0	#N/A	110.8	2102.39		
71		YES	45.54	3262.15	N-80	LTC	40.0	#N/A	112.4	2056.85		
72		YES	46.04	3308.19	N-80	LTC	40.0	#N/A	114.0	2010.81		
73		YES	47.38	3355.57	N-80	LTC	40.0	#N/A	115.6	1963.43		
74		YES	46.60	3402.17	N-80	LTC	40.0	#N/A	117.2	1916.83		
75	X	YES	44.92	3447.09	N-80	LTC	40.0	#N/A	118.8	1871.91		



[illegible]

			String Capacity	
LENGTH STRING 1 [ft]	40.00	5317.0	403.18	[bbl]
LENGTH STRING 2 [ft]	0.00	4.3	0.00	[bbl]
LENGTH STRING 3 [ft]	0.00	4.3	0.00	[bbl]
LENGTH STRING 4 [ft]	0.00	4.3	0.00	[bbl]
WELL VOL. [bbl]			776	
ANNULAR VOL. [bbl]			312	
TOTAL VOLUME TO DISPLACE CEMENT [bbl]			403	
1/2 SHOETRACK [bbl]			0.0	

ADM VERIFICATION WELL #1 5 1/2 INCH CASING TALLY

Prepared by: PTH Jr

(Note: Mt Simon completely covered with Chrome)

Casing Tally 5 1/2" ADM Verification Well #1      Total Depth **7272** EST TD

13 Cr85 & J55 Casing, BEAR/LTC & accessories

Jt #	Length	Total	Top	Bottom	Grade	Wt	Thread	Cent.
1	41.65	41.65	7230.35	7272.00	13 Cr85	17.00	BEAR	1
2	39.69	81.34	7190.66	7230.35	13 Cr85	17.00	BEAR	
3	41.77	123.11	7148.89	7190.66	13 Cr85	17.00	BEAR	2
4	39.68	162.79	7109.21	7148.89	13 Cr85	17.00	BEAR	
5	39.64	202.43	7069.57	7109.21	13 Cr85	17.00	BEAR	3
6	39.65	242.08	7029.92	7069.57	13 Cr85	17.00	BEAR	
7	39.62	281.70	6990.30	7029.92	13 Cr85	17.00	BEAR	4
8	39.67	321.37	6950.63	6990.30	13 Cr85	17.00	BEAR	
9	39.62	360.99	6911.01	6950.63	13 Cr85	17.00	BEAR	5
10	39.66	400.65	6871.35	6911.01	13 Cr85	17.00	BEAR	
11	38.03	438.68	6833.32	6871.35	13 Cr85	17.00	BEAR	
12	39.68	478.36	6793.64	6833.32	13 Cr85	17.00	BEAR	6
13	39.69	518.05	6753.95	6793.64	13 Cr85	17.00	BEAR	
14	37.92	555.97	6716.03	6753.95	13 Cr85	17.00	BEAR	7
15	39.66	595.63	6676.37	6716.03	13 Cr85	17.00	BEAR	
16	39.71	635.34	6636.66	6676.37	13 Cr85	17.00	BEAR	8
17	39.67	675.01	6596.99	6636.66	13 Cr85	17.00	BEAR	
18	39.64	714.65	6557.35	6596.99	13 Cr85	17.00	BEAR	9
19	39.22	753.87	6518.13	6557.35	13 Cr85	17.00	BEAR	
20	39.27	793.14	6478.86	6518.13	13 Cr85	17.00	BEAR	
21	39.68	832.82	6439.18	6478.86	13 Cr85	17.00	BEAR	10
22	39.62	872.44	6399.56	6439.18	13 Cr85	17.00	BEAR	
23	39.70	912.14	6359.86	6399.56	13 Cr85	17.00	BEAR	11
24	38.68	950.82	6321.18	6359.86	13 Cr85	17.00	BEAR	
25	39.68	990.50	6281.50	6321.18	13 Cr85	17.00	BEAR	12
26	39.68	1030.18	6241.82	6281.50	13 Cr85	17.00	BEAR	
27	39.63	1069.81	6202.19	6241.82	13 Cr85	17.00	BEAR	13
28	39.61	1109.42	6162.58	6202.19	13 Cr85	17.00	BEAR	
29	39.70	1149.12	6122.88	6162.58	13 Cr85	17.00	BEAR	
30	38.94	1188.06	6083.94	6122.88	13 Cr85	17.00	BEAR	14
	0.00							
	0.00							

↑  
Chrome

1188.06  
1027.19

2215.25 total net chrome



**Y = BOW SPRING CENTRALIZER @ CASING COUPLINGS**  
**YS = BOW SPRING CENTRALIZER WITH STOP RING**

Jt #	Length	Total	Top	Bottom	Grade	Wt	Thread	Cent.
31	39.64	1227.70	6044.30	6083.94	13 Cr85	17.00	BEAR	
32	39.66	1267.36	6004.64	6044.30	13 Cr85	17.00	BEAR	
33	39.65	1307.01	5964.99	6004.64	13 Cr85	17.00	BEAR	15
34	38.21	1345.22	5926.78	5964.99	13 Cr85	17.00	BEAR	
35	39.64	1384.86	5887.14	5926.78	13 Cr85	17.00	BEAR	
36	39.69	1424.55	5847.45	5887.14	13 Cr85	17.00	BEAR	16
37	39.60	1464.15	5807.85	5847.45	13 Cr85	17.00	BEAR	
38	39.60	1503.75	5768.25	5807.85	13 Cr85	17.00	BEAR	17
39	39.70	1543.45	5728.55	5768.25	13 Cr85	17.00	BEAR	
40	39.27	1582.72	5689.28	5728.55	13 Cr85	17.00	BEAR	18
41	39.69	1622.41	5649.59	5689.28	13 Cr85	17.00	BEAR	
42	39.53	1661.94	5610.06	5649.59	13 Cr85	17.00	BEAR	19
43	39.23	1701.17	5570.83	5610.06	13 Cr85	17.00	BEAR	
44	39.30	1740.47	5531.53	5570.83	13 Cr85	17.00	BEAR	
45	39.65	1780.12	5491.88	5531.53	13 Cr85	17.00	BEAR	20
46	39.63	1819.75	5452.25	5491.88	13 Cr85	17.00	BEAR	
47	39.63	1859.38	5412.62	5452.25	13 Cr85	17.00	BEAR	
48	39.67	1899.05	5372.95	5412.62	13 Cr85	17.00	BEAR	21
49	39.63	1938.68	5333.32	5372.95	13 Cr85	17.00	BEAR	
50	39.65	1978.33	5293.67	5333.32	13 Cr85	17.00	BEAR	22
51	39.64	2017.97	5254.03	5293.67	13 Cr85	17.00	BEAR	
52	39.64	2057.61	5214.39	5254.03	13 Cr85	17.00	BEAR	23
53	39.27	2096.88	5175.12	5214.39	13 Cr85	17.00	BEAR	
54	39.25	2136.13	5135.87	5175.12	13 Cr85	17.00	BEAR	24
55	39.20	2175.33	5096.67	5135.87	13 Cr85	17.00	BEAR	
56	39.92	2215.25	5056.75	5096.67	13 Cr85	17.00	BEAR	25
57	46.11	2261.36	5010.64	5056.75	J55	17.00	LTC	
58	45.20	2306.56	4965.44	5010.64	J55	17.00	LTC	26
59	43.94	2350.50	4921.50	4965.44	J55	17.00	LTC	
60	41.71	2392.21	4879.79	4921.50	J55	17.00	LTC	27

1027.19

**Casing Tally 5 1/2" Tally ADM Verification Well #1**  
**'Y = BOW SPRING CENTRALIZER @ CASING COUPLINGS**

Jt #	Length	Total	Top	Bottom	Grade	Wt	Thread	Cent.	
61	<b>45.91</b>	2438.12	4833.88	4879.79	J55	17.00	LTC		
62	<b>46.24</b>	2484.36	4787.64	4833.88	J55	17.00	LTC		
63	<b>45.82</b>	2530.18	4741.82	4787.64	J55	17.00	LTC	28	
64	<b>42.44</b>	2572.62	4699.38	4741.82	J55	17.00	LTC		
65	<b>45.91</b>	2618.53	4653.47	4699.38	J55	17.00	LTC		
66	<b>45.11</b>	2663.64	4608.36	4653.47	J55	17.00	LTC	29	
67	<b>45.83</b>	2709.47	4562.53	4608.36	J55	17.00	LTC		
68	<b>44.42</b>	2753.89	4518.11	4562.53	J55	17.00	LTC		
69	<b>46.27</b>	2800.16	4471.84	4518.11	J55	17.00	LTC	30	
70	<b>45.97</b>	2846.13	4425.87	4471.84	J55	17.00	LTC		
71	<b>45.42</b>	2891.55	4380.45	4425.87	J55	17.00	LTC		
72	<b>45.82</b>	2937.37	4334.63	4380.45	J55	17.00	LTC	31	
73	<b>46.23</b>	2983.60	4288.40	4334.63	J55	17.00	LTC		
74	<b>45.55</b>	3029.15	4242.85	4288.40	J55	17.00	LTC		
75	<b>45.96</b>	3075.11	4196.89	4242.85	J55	17.00	LTC		
76	<b>45.51</b>	3120.62	4151.38	4196.89	J55	17.00	LTC		
77	<b>46.45</b>	3167.07	4104.93	4151.38	J55	17.00	LTC		
78	<b>45.22</b>	3212.29	4059.71	4104.93	J55	17.00	LTC	32	
79	<b>43.98</b>	3256.27	4015.73	4059.71	J55	17.00	LTC		
80	<b>40.20</b>	3296.47	3975.53	4015.73	J55	17.00	LTC		
81	<b>41.70</b>	3338.17	3933.83	3975.53	J55	17.00	LTC		
82	<b>44.90</b>	3383.07	3888.93	3933.83	J55	17.00	LTC		
83	<b>45.23</b>	3428.30	3843.70	3888.93	J55	17.00	LTC		
84	<b>45.14</b>	3473.44	3798.56	3843.70	J55	17.00	LTC	33	
85	<b>44.53</b>	3517.97	3754.03	3798.56	J55	17.00	LTC		
86	<b>43.27</b>	3561.24	3710.76	3754.03	J55	17.00	LTC		
87	<b>40.23</b>	3601.47	3670.53	3710.76	J55	17.00	LTC		
88	<b>43.20</b>	3644.67	3627.33	3670.53	J55	17.00	LTC		
89	<b>43.19</b>	3687.86	3584.14	3627.33	J55	17.00	LTC		
90	<b>44.77</b>	3732.63	3539.37	3584.14	J55	17.00	LTC	34	

Jt #	Length	Total	Top	Bottom	Grade	Wt	Thread Cent.	
91	<b>44.74</b>	3777.37	3494.63	3539.37	J55	17.00	LTC	
92	<b>45.29</b>	3822.66	3449.34	3494.63	J55	17.00	LTC	
93	<b>42.59</b>	3865.25	3406.75	3449.34	J55	17.00	LTC	
94	<b>41.96</b>	3907.21	3364.79	3406.75	J55	17.00	LTC	
95	<b>44.82</b>	3952.03	3319.97	3364.79	J55	17.00	LTC	
96	<b>45.71</b>	3997.74	3274.26	3319.97	J55	17.00	LTC	35
97	<b>45.57</b>	4043.31	3228.69	3274.26	J55	17.00	LTC	
98	<b>45.44</b>	4088.75	3183.25	3228.69	J55	17.00	LTC	
99	<b>43.33</b>	4132.08	3139.92	3183.25	J55	17.00	LTC	
100	<b>45.29</b>	4177.37	3094.63	3139.92	J55	17.00	LTC	
101	<b>38.66</b>	4216.03	3055.97	3094.63	J55	17.00	LTC	
102	<b>45.94</b>	4261.97	3010.03	3055.97	J55	17.00	LTC	36
103	<b>43.55</b>	4305.52	2966.48	3010.03	J55	17.00	LTC	
104	<b>46.91</b>	4352.43	2919.57	2966.48	J55	17.00	LTC	
105	<b>46.33</b>	4398.76	2873.24	2919.57	J55	17.00	LTC	
106	<b>39.39</b>	4438.15	2833.85	2873.24	J55	17.00	LTC	
107	<b>46.43</b>	4484.58	2787.42	2833.85	J55	17.00	LTC	
108	<b>45.55</b>	4530.13	2741.87	2787.42	J55	17.00	LTC	37
109	<b>45.67</b>	4575.80	2696.20	2741.87	J55	17.00	LTC	
110	<b>45.98</b>	4621.78	2650.22	2696.20	J55	17.00	LTC	
111	<b>44.88</b>	4666.66	2605.34	2650.22	J55	17.00	LTC	
112	<b>45.88</b>	4712.54	2559.46	2605.34	J55	17.00	LTC	
113	<b>45.88</b>	4758.42	2513.58	2559.46	J55	17.00	LTC	
114	<b>45.47</b>	4803.89	2468.11	2513.58	J55	17.00	LTC	38
115	<b>43.69</b>	4847.58	2424.42	2468.11	J55	17.00	LTC	
116	<b>46.06</b>	4893.64	2378.36	2424.42	J55	17.00	LTC	
117	<b>44.29</b>	4937.93	2334.07	2378.36	J55	17.00	LTC	
118	<b>43.76</b>	4981.69	2290.31	2334.07	J55	17.00	LTC	
119	<b>45.87</b>	5027.56	2244.44	2290.31	J55	17.00	LTC	
120	<b>39.93</b>	5067.49	2204.51	2244.44	J55	17.00	LTC	39

**Casing Tally 5 1/2" Tally ADM Verification Well #1**

**Y = BOW SPRING CENTRALIZER @ CASING COUPLINGS**

Jt #	Length	Total	Top	Bottom	Grade	Wt	Thread	Cent.
121	<b>45.66</b>	5113.15	2158.85	2204.51	J55	17.00	LTC	
122	<b>45.64</b>	5158.79	2113.21	2158.85	J55	17.00	LTC	
123	<b>46.18</b>	5204.97	2067.03	2113.21	J55	17.00	LTC	
124	<b>43.64</b>	5248.61	2023.39	2067.03	J55	17.00	LTC	
125	<b>45.97</b>	5294.58	1977.42	2023.39	J55	17.00	LTC	
126	<b>44.18</b>	5338.76	1933.24	1977.42	J55	17.00	LTC	40
127	<b>44.92</b>	5383.68	1888.32	1933.24	J55	17.00	LTC	
128	<b>45.13</b>	5428.81	1843.19	1888.32	J55	17.00	LTC	
129	<b>43.65</b>	5472.46	1799.54	1843.19	J55	17.00	LTC	
130	<b>45.00</b>	5517.46	1754.54	1799.54	J55	17.00	LTC	
131	<b>46.31</b>	5563.77	1708.23	1754.54	J55	17.00	LTC	
132	<b>45.86</b>	5609.63	1662.37	1708.23	J55	17.00	LTC	41
133	<b>45.77</b>	5655.40	1616.60	1662.37	J55	17.00	LTC	
134	<b>39.10</b>	5694.50	1577.50	1616.60	J55	17.00	LTC	
135	<b>45.52</b>	5740.02	1531.98	1577.50	J55	17.00	LTC	
136	<b>39.63</b>	5779.65	1492.35	1531.98	J55	17.00	LTC	
137	<b>45.77</b>	5825.42	1446.58	1492.35	J55	17.00	LTC	
138	<b>44.65</b>	5870.07	1401.93	1446.58	J55	17.00	LTC	42
139	<b>44.16</b>	5914.23	1357.77	1401.93	J55	17.00	LTC	
140	<b>42.86</b>	5957.09	1314.91	1357.77	J55	17.00	LTC	
141	<b>45.66</b>	6002.75	1269.25	1314.91	J55	17.00	LTC	
142	<b>45.39</b>	6048.14	1223.86	1269.25	J55	17.00	LTC	
143	<b>46.01</b>	6094.15	1177.85	1223.86	J55	17.00	LTC	
144	<b>45.82</b>	6139.97	1132.03	1177.85	J55	17.00	LTC	43
145	<b>45.58</b>	6185.55	1086.45	1132.03	J55	17.00	LTC	
146	<b>45.51</b>	6231.06	1040.94	1086.45	J55	17.00	LTC	
147	<b>45.72</b>	6276.78	995.22	1040.94	J55	17.00	LTC	
148	<b>45.92</b>	6322.70	949.30	995.22	J55	17.00	LTC	
149	<b>45.76</b>	6368.46	903.54	949.30	J55	17.00	LTC	
150	<b>43.26</b>	6411.72	860.28	903.54	J55	17.00	LTC	44

Jt #	Length	Total	Top	Bottom	Grade	Wt	Thread	Cent.
151	40.86	6452.58	819.42	860.28	J55	17.00	LTC	
152	44.49	6497.07	774.93	819.42	J55	17.00	LTC	
153	45.48	6542.55	729.45	774.93	J55	17.00	LTC	
154	45.79	6588.34	683.66	729.45	J55	17.00	LTC	
155	46.21	6634.55	637.45	683.66	J55	17.00	LTC	
156	46.13	6680.68	591.32	637.45	J55	17.00	LTC	45
157	45.03	6725.71	546.29	591.32	J55	17.00	LTC	
158	45.97	6771.68	500.32	546.29	J55	17.00	LTC	
159	45.86	6817.54	454.46	500.32	J55	17.00	LTC	
160	46.19	6863.73	408.27	454.46	J55	17.00	LTC	
161	43.86	6907.59	364.41	408.27	J55	17.00	LTC	
162	45.50	6953.09	318.91	364.41	J55	17.00	LTC	46
163	40.95	6994.04	277.96	318.91	J55	17.00	LTC	
164	40.46	7034.50	237.50	277.96	J55	17.00	LTC	
165	46.02	7080.52	191.48	237.50	J55	17.00	LTC	
166	43.95	7124.47	147.53	191.48	J55	17.00	LTC	
167	42.76	7167.23	104.77	147.53	J55	17.00	LTC	
168	44.85	7212.08	59.92	104.77	J55	17.00	LTC	
169	46.34	7258.42	13.58	59.92	J55	17.00	LTC	
170	45.40	7303.82	-31.82	13.58	J55	17.00	LTC	
171	45.84	7349.66	-77.66	-31.82	J55	17.00	LTC	
172	45.60	7395.26	-123.26	-77.66	J55	17.00	LTC	
173	44.75	7440.01	-168.01	-123.26	J55	17.00	LTC	
174	45.80	7485.81	-213.81	-168.01	J55	17.00	LTC	
175	46.21	7532.02	-260.02	-213.81	J55	17.00	LTC	
176								
177								
178								
179								
180								

13 ft up | +/-depending on WL TD

leave out  
6 jts out

matches closely with rig  
count of 7,531.93 ft

400.65  
392.49  
394.92  
394.66  
395.61  
413.88  
453.92  
450.34  
436.16  
444.74  
444.41  
445.71  
449.97  
439.58  
454.63  
452.01  
440.09  
228.2  
  
7531.97

## **Appendix XIII.C Revised UIC Form 4g**

**UIC Form 4g, Plugging and Abandonment**  
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY  
UNDERGROUND INJECTION CONTROL PERMIT APPLICATION  
FORM 4g - PLUGGING AND ABANDONMENT PROCEDURE

USEPA I.D. NUMBER ILD984791459  
IEPA I.D. NUMBER 1150155136  
UIC Well Number Verification Well #1

**I. Description of Plugging Procedures**

The plugging and abandonment design reflects minimum requirements to sustain the integrity of the caprock to ensure CO<sub>2</sub> remains in the Mt. Simon. Any unforeseen changes necessary to plug and abandon this well will meet or exceed these requirements in terms of strength and CO<sub>2</sub> compatibility.

**A. Abandonment during construction**

**Removal of subsurface well features:** There are three scenarios under which abandonment may occur during well construction (or drilling) and completion while the wellbore is open or uncased: Drilling the Surface Hole (<375 ft), Drilling Intermediate Hole (<5,300 ft), and Drilling Long-String Hole (<7,500 ft).

During all three scenarios, the drill string (drill collars, drill pipe, and drill bit) is the most likely equipment in the hole. Every attempt will be made to recover all of this equipment prior to abandonment.

If drill pipe, drill collars and/or drill bit are not retrieved and must be abandoned in the wellbore, plugs will be placed as directed by the IEPA. The same procedure will be used if any testing tool, such as a core barrel or drill stem assembly or non-radioactive well log tool is used. Plug placement will depend upon depth that equipment was lost in the well.

If a radioactive well log is lost in the hole (density and/neutron porosity), current Nuclear Regulatory Commission (NRC) regulations will be followed. A 300 ft, red cement plug will be placed immediately above the lost logging tool. An angled, kick-plate will be placed above this plug to divert any subsequent drilling that may coincidentally enter this wellbore. Current NRC regulations require that the surface casing remain extended above the ground surface with an informative ground plate welded to the pipe. The plate includes information about the well to identify what is in the hole.

**Plug Placement Method:** The method of placing the plugs is the **Balanced Plug** method (Figure 6). This is a basic plug spotting process that is generally considered more efficient and is consistent with best industry practices.

## **B. Abandonment at end of project**

### **Removal of subsurface well features:**

**Casing:** All casing used in this well will be cemented to surface and will not be retrievable at abandonment after injection.

**Tubing and Packers:** The Westbay packers will be deflated and the tubing string removed. If the packers cannot be released and removed from the cased hole, a determination will be made as to where in the well the pipe is stuck and an electric line with tubing cutter will be used to cutoff the tubing above the lowest stuck packer.

**Plug Placement Method:** The **Balanced Plug** placement method will be used. This is a basic plug spotting process that is generally considered more efficient and is consistent with best industry practices.

## **C. Type and quantity of plugging materials, depth intervals**

In addition to the proper volumes, placement of plugs on depths approved by the IEPA (the minimum requirements), all cement will be previously tested in the lab, a Schlumberger CemCADE will be performed using actual well information such as actual depth, temperature on bottom, hole conditions. During the plugging operations, both wet and dry samples will be collected for each plug spotted to ensure quality of the plug.

All casing will be cemented to surface and no casing will be retrieved. From the surface, at least 3 feet of all the casing strings will be cutoff well below the plow line and a blanking plate with the required permit information will be welded to the top of the cutoff casing.

## **D. Detailed plugging and abandonment procedures**

### Notifications, Permits, and Inspections (Prior to Workover or Rig Movement)

Notifications, Permits, and Inspections are the same for plug and abandonment during construction and post-injection.

1. Notify Illinois EPA 48 hours prior to commencing operations. Insure proper notifications have been given to all regulatory agencies for rig move.
2. Make sure all permits to P&A have been duly executed by all local, State & Federal agencies and ADM has written permission to proceed with planned ultimate P&A procedure.
3. Ensure in advance that a pre-site inspection has been performed and the rig company has visited the site and is capable of transporting rig, tanks, and ancillary equipment to perform P&A operations. Notify all key third parties of expected work scope, and ensure third party contracts for work are in place prior to move in.



4. Have copies of all government permits prior to initiating operations and maintain on location at all times. Check to see if conditions of approval have been met.
5. Make sure all operations have been planned and are carried out in such a manner that meets appropriate standards.

Table 8: Plugging & Abandonment Contact List (This table will be completed when Form 4h is submitted.)

<u>Name</u>	<u>Department/ Position</u>	<u>Office</u>	<u>After Hours</u>
Paul Hughes, Jr., P.E.	Schlumberger- Operations	281-765-5010	832-715-9060
Robert J. Finley	ISGS Project Management	217-244-8389	217-649-1744
Tom Stone	ADM Project Engineer	217-424-5897	217-424-5200
Dean Frommelt	Division Environmental Manager	217-451-6330	217-358-0317

### Volume Calculations

Estimated volumes will be calculated for specific abandonment wellbore environment based on desired plug diameter and length required. Volume calculations are the same for plug and abandonment during construction and post-injection.

1. Choose the following:
  - a. Length of the cement plug desired.
  - b. Desired setting depth of base of plug.
  - c. Amount of spacer to be pumped ahead of the slurry.
2. Determine the following:
  - a. Number of sacks of cement required.
  - b. Volume of spacer to be pumped behind the slurry to balance the plug.
  - c. Plug length before the pipe is withdrawn.
  - d. Length of mud freefall in drill pipe.
  - e. Displacement volume required to spot the plug.
3. See generic calculations in Figure 7. Have cementer and wellsite supervisor both review calculations prior to spotting any plug.

Note: For each cementing operation the cementer and the wellsite supervisor will verify via a cementing handbook or iHandbook all calculations and have ADM

approve the manner and procedure for cementing operations. Any amendments to the plugging program will require an exemption approved in writing from the Project Manager.

**Plugging and Abandonment Procedure for “During Construction” Scenario:**

Possible Pumping Scenario for the Cement Job (see figure 6)

1. Trip in Hole (TIH) to the desired depth (drill pipe tags the base of the desired plug depth).
2. Shut down circulating trip tank on wellbore.
3. Break circulation and condition mud as required. Circulate at least until the pit levels stabilize.
4. Mix and pump cement and spacers.
5. Displace with the predetermined mud volume.
6. Shut down cementing unit and allow mud to freefall.
7. Near the end of the freefall, begin pulling out. Check to verify if we are pulling dry or wet.

Pulling Out of the Plug

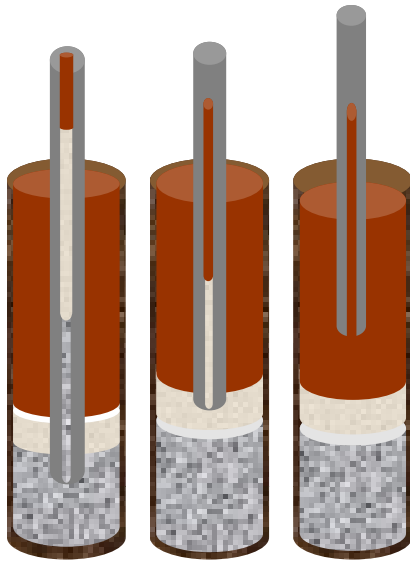
8. Resume circulating trip tank on the wellbore. Slowly pull the drillstring out of the plug and continue trip out of hole (TOH) until 2–3 stands above the top of the plug. Slowly pump 5–10 bbls to clear the drill pipe. Run circulating trip tanks continuously.
9. Do not attempt to reverse circulate because of potential contamination of the cement plug and to avoid over-pressuring the wellbore annulus. TOH.
10. Wait on cement (WOC) minimum 12 hours, make up bottom hole assembly (BHA) and TIH to tag plug and record same. If tag will hold 5–10K lbs weight, pull up, circulate 1–2 stands above and continue with next balanced plug (either in open hole or inside casing) to properly comply with all local, state and federal regulations governing P&A operations.
11. After spotting all plugs, pull out of hole (POOH) laying down all drill pipe and drill collars, break out BHA
12. Finish cutting off below plow line (or per local, state or regulatory guidelines) all casing, dump 2–5 sacks of G cement in surface hole below plow line and weld plate on top of casing stub. Place marker if required by agency(ies).
13. After rig is released, commence with site restoration per local, state or federal guidelines.
14. Complete plugging forms and send in with charts and all lab information to all state, local or federal agencies, as is required.

### **Possible Plugging and Abandonment Procedure for “End of Project” Scenario:**

At the end of the serviceable life of the verification well, the well will be plugged and abandoned. In summary, the plugging procedure will consist of removing all components of the completion system and then spotting cement plugs along the entire length of the well. At the surface the well head will be removed and casing cut off 3 feet below surface. A detailed procedure follows:

1. Move in workover unit with pump and tank.
  2. Fill both tubing and annulus with kill weight brine.
  3. Nipple down well head and nipple up BOPs
  4. Remove all downhole equipment from well
  5. Keep hole full with workover brine of sufficient density to maintain well control
  6. Pick up 2 7/8” tbg work string (or comparable) and trip in hole to PBTD
  7. Circulate hole two revolutions to ensure that uniform density fluid is in the well
  8. Start setting cement plugs by spotting 56 sacks Class A cement with 1% TIC. This amount is equal to 500 ft in the 5 1/2” casing. Pull 10 stands (20 joints) tbg and reverse circulate hole for two tbg volumes. Lay down tubing as it is pulled from well.
  9. Repeat plug setting procedure until uppermost set of perforations is covered. Reverse circulate hole one revolution.
  10. Pull ten stands and shut down overnight.
  11. On the next morning TIH ten stands and tag plug. Resume plugging procedure as before and continue spotting plugs until the last plug at the surface. Repeat until last plug at surface and spot the appropriate volume of cement to reach surface.
  12. Nipple down BOPs
  13. Cut off all well head components and cut off all casings at below ground level.
  14. Finish filling well with cement.
  15. Install permanent marker back to surface on which all pertinent well information is inscribed.
  16. Fill cellar with topsoil.
  17. Rig down workover unit and move out all equipment. Haul off all workover fluids to proper disposal site.
  18. Reclaim surface to normal grade and reseed location.
- 7,500 ft 5 1/2” 15.5 #/ft casing requires 850 sks cement to fill, 25 plugs (estimated)

Approximately five days required from move in to move out, depending on the operations at hand and the physical constraints of the well, weather, etc..



**Figure 6.** Schematic of pumping the cement job using the balanced plug method. The mottled grey is cement, the white is spacer, and the brown is mud. In the first graphic, the first spacer has already been pumped, and they are pumping in the cement. In the 2nd graphic, they have displaced most of the cement (don't want to contaminate the cement, so leave a little in pipe at this stage), pulled the end of the pipe up into the space, and are displacing the end of the cement and putting more spacer fluid in between the mud and the cement. In the 3rd graphic, they are circulating mud to clean the pipe and casing of any cement before it sets.

## V. Estimated 2009 Cost estimate for plugging and abandonment worst case scenario

Itemized P&A Costs	During Construction	Post Construction*
a. Casing Evaluation:	N/A	\$50,000
Mobilize equipment and crews from nearest district. Run multi-finger caliper for detailed inspection of the inner surface of the casing. Run Isolation Scanner for final condition of outer surface of casing and cement condition. Compare to baseline logs run before injection started.		
b. Evaluation of any problems discovered by the casing evaluation:	N/A	\$20,000
Downhole video camera to get visual images of the questionable inner surfaces of the casing.		
c. Cost for repairing problems and cleanup of any groundwater or soil contamination:	N/A	\$40,000
CO <sub>2</sub> as a vapor in soil will not result in contamination like a liquid. A formal "cleanup" may not be required, and the CO <sub>2</sub> will dissipate into the atmosphere.		
CO <sub>2</sub> into groundwater will like be the same as that in oil. For a period of time, the shallow groundwater may have a low concentration of CO <sub>2</sub> similar to a "flat" soft drink. With time the CO <sub>2</sub> will dissipate into the unsaturated soil and dissipate.		
d. Cost for cementing or other materials used to plug the well:	\$37,000	\$37,000
e. Cost for labor, engineering, rig time, equipment and consultants:	\$157,000	\$157,000
f. Cost for decontamination of equipment:	N/A	N/A
g. Cost for disposal of any equipment:	N/A	\$2,000
Tubing will be sold as scrap metal and worst case cost will be trucking services only.		
h. Estimated sales tax:	\$2,000	\$2,000
Our review shows there is no state sales tax for this kind of work.		
i. Miscellaneous and minor contingencies (20%):	\$10,000	\$10,000
j. Total	\$206,000	\$318,000

\*Post Construction cost is for 1/1/10; if the well was abandoned 30 years from now, assuming 3% annual inflation the worst case P&A would be 2.43 times greater or \$772,740.

Figure 7. Plugging Volume Calculations.

## VOLUME CALCULATIONS

### 1. CAPACITIES

Determine the following **capacities**:

Annular capacity between drillpipe and hole ( $V_{ANN}$ )	ft <sup>3</sup> /ft and ft/bbl
Hole or casing capacity ( $V_{CAPOH}$ )	ft <sup>3</sup> /ft
Drillpipe or tubing capacity ( $V_{CAPDP}$ )	ft <sup>3</sup> /ft and bbl/ft

### 2. NUMBER OF SACKS OF CEMENT

Determine the number of **sacks of cement** required for a given length of plug (sx):

$$N_{SX} = L_{PLUG} \times V_{CAPOH} / \text{slurry yield}$$

Where:

$N_{SX}$	= number of sacks of cement, sx
$L_{PLUG}$	= length of cement plug, ft
$V_{CAPOH}$	= capacity of open hole or casing, ft <sup>3</sup> /ft
Slurry yield	= cement yield, ft <sup>3</sup> /sk

### 3. SPACER VOLUME BEHIND SLURRY

Determine the **spacer volume to be pumped behind** the slurry to balance the plug (bbls):

$$V_{TAILSPACER} = V_{ANN} \times V_{LEADSPCR} \times V_{CAPDP}$$

Where:

$V_{TAILSPACER}$	= spacer volume to be pumped behind the slurry to balance the plug, bbls
$V_{ANN}$	= annular capacity, ft/bbl
$V_{LEADSPCR}$	= spacer volume to be pumped ahead of cement plug, bbls
$V_{CAPDP}$	= drill pipe capacity, bbl/ft

Figure 7. Plugging Volume Calculations, cont.

#### VOLUME CALCULATIONS, CONTINUED

##### 4. PLUG LENGTH

Determine the **plug length (ft)** before the drill pipe is withdrawn (ft):

$$L_{\text{PLUG}} = (N_{\text{SX}} \times \text{slurry yield}) / (V_{\text{ANN}} + V_{\text{CAPDP}})$$

Where:

$L_{\text{PLUG}}$  = length of cement plug before the DP is withdrawn, ft

$N_{\text{SX}}$  = number of sacks of cement, sx

Slurry yield = cement yield, ft<sup>3</sup>/sk

$V_{\text{ANN}}$  = annular capacity, ft<sup>3</sup>/ft

$V_{\text{CAPDP}}$  = drill pipe capacity, ft<sup>3</sup>/ft

##### 5. LENGTH OF FREEFALL IN DRILL PIPE

Determine the **length of mud free fall in drill pipe (ft)**:

$$L_{\text{FF}} = \text{TD} (1 - \text{MW})$$

Where:

$L_{\text{FF}}$  = length of free fall inside the drill pipe, ft

TD = depth, ft

MW = mud density, pPG

##### 6. DISPLACEMENT VOLUME

Determine **displacement volume** required to spot the plug (bbl):

$$V_{\text{DISP}} = [(L_{\text{DP}} - L_{\text{PLUG}} - L_{\text{FF}}) \times V_{\text{CAPDP}}] - V_{\text{TAILSPCR}}$$

Where:

$V_{\text{DISP}}$  = displacement volume required to spot cement plug, bbls

$L_{\text{DP}}$  = length of drill pipe, ft

$L_{\text{PLUG}}$  = length of cement plug, ft

$L_{\text{FF}}$  = length of freefall, ft

$V_{\text{CAPDP}}$  = drill pipe capacity, bbl/ft

$V_{\text{TAILSPCR}}$  = spacer volume to be pumped behind the slurry to balance the plug, bbls

## **Appendix XIII.D Copy of D.N.R. Completion Report Form**





## ILLINOIS DEPARTMENT OF NATURAL RESOURCES

## Office of Mines and Minerals

Division of Oil and Gas  
(217) 557-6379

One Natural Resources Way  
Springfield, Illinois 62702-1271



## OG-5 WELL DRILLING REPORT

Type of Well: ☐ Oil Producer ☒ Observation ☐ Gas Producer ☐ Gas Storage  
☐ Class II Injection ☐ D&A ☐ Conversion  
☐ Water Supply ☐ Other Storage ☐ Deepening ☐ Workover

Permittee: Archer Daniels Midland Company Permittee # \_\_\_\_\_  
 Well Name: Verification Well #1 Permit # \_\_\_\_\_ Reference # \_\_\_\_\_  
 Location: 605 feet north and 1195 feet east of the SW corner API No. 121,152,346,000  
 County: Macon Section: 32 Township: 17N Range: 3E

## Drilling Data:

Date Drilling Began: Sep 23, 2010 Finished: Nov 16, 2010 T.D. 7,272  
 Elevation: KB: 684 DF: 683 GR 669 Rotary: From: 0 To: 7,272  
 Air Rotary: From: \_\_\_\_\_ To: \_\_\_\_\_ Cable: From: \_\_\_\_\_ To: \_\_\_\_\_

## Test Data:

Were Electric or other wireline logs run? ☒ YES ☐ NO Type of Logs: \_\_\_\_\_  
 Porosity, Density, Resistivity, Sonic, Micro-resistivity, Magnetic Resonance, Elemental Spectroscopy, Gamma Ray

Was well cored? ☒ YES ☐ NO Interval(s) cored: \_\_\_\_\_  
 2132'-2159', 4218'-4264', 4513'-4559', 5425'-5564', 5930'-5990', 6680'-7069'

Drill Stem test run? ☐ YES ☒ NO Zone(s) Tested: \_\_\_\_\_

Attach a copy of drill stem test results

## Geological Data: (Fill out or attach copy of geologists report)

FORMATION	DEPTH		FORMATION DETERMINED BY
	Top	Bottom	
See attached report.	5,306	7,272	<input type="checkbox"/> Samples <input checked="" type="checkbox"/> Geophysical Log <input type="checkbox"/> Other: _____ List any oil and gas shows: (Give depth): _____ _____ _____ _____

Signature of Permittee or Designee

Address

City, State, Zip

This state agency is requesting disclosure of information that is necessary to accomplish the statutory purpose as outlined in the Ill. Compiled Stat. Ch. 225, pars. 725 et. seq. Failure to disclose this information will result in this form not being processed. This form has been approved by the Forms Management Center.

Location: There are a total of 11 measuring ports and 1 QA/QC port in the well as displayed above in Table 4.

Make / Model: Westbay MOSDAX System Pressure/Temperature Probe Model 2580

Type: Electrical; Continuous Recording

Operating Range (degF): 32 to 158; this exceeds maximum operating range of system by more than 20%

#### **Sources:**

Frommelt, D. (2010). Letter to the Illinois Environmental Protection Agency, Subject: CCS Well #1 Completion Report, – UIC Permit UIC-012-ADM. Archer Daniels Midland Company